Consorzio di Bonifica PIANURA di FERRARA

44121 Ferrara - Via Borgo dei Leoni, 28
Codice Fiscale 93076450381
Tel.: 0532.218211 - Fax: 0532.211402
E-mail: info@bonificaferrara.it

PROGETTO CIARLE

PROGETTO ESECUTIVO

OPERE DI COMPETENZA DEL MINISTERO DELLE POLITICHE AGRICOLE.
RETE RURALE NAZIONALE 2014–2020.
BANDO PSRN PROGRAMMA SVILUPPO RURALE NAZIONALE–SOTTOMISURA 4.3–
OPERAZIONE 4.3.1–INVESTIMENTI IN INFRASTRUTTURE IRRIGUE

LAVORI DI IMPLEMENTAZIONE PRIMARIA DEL SISTEMA IRRIGUO CIARLE
NEI COMUNI DI POGGIO RENATICO E TERRE DEL RENO (FE)–
CONDOTTO DISTRIBUTORE SUD E IMPIANTO DI SOLLEVAMENTO

CUP : J81E17000370006

CALCOLI ESECUTIVI

RELAZIONE DI CALCOLO STRUTTURE IN C.A.

Oggetto dell'elaborato:
ALLEGATO E - REPORT VASCA

Elab. n°
7.e.1.5

Pos. arch.

Data: 12 MAGGIO 2017

Scala:

IL RESPONSABILE DEL PROCEDIMENTO
(Dott. Ing. Marco Volpin)

GRUPPO DI PROGETTAZIONE
IL PROGETTISTA
(Ing. Valeria Chierici)

ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI FERRARA
N. 1324 Albo
dott. ing.
Valeria CHIERICI

I COLLABORATORI TECNICI
Geom. Cesare Formignani
Ing. Laura Montanari
Geom . Marcello Nepoti
Geom. Carlo Mazzanti
Geom. Pietro Ghisellini
Geom. Federico Sarto

Elab.:

Aggiornamenti:
30 MARZO 2020

File:

STUDIO ITA

INGEGNERIA CIVILE E TECNOLOGIE ANTINCENDIO

Comuni di Poggio Renatico e Terre del Reno

Provincia di Ferrara

Lavori di implementazione primaria del sistema irriguo Ciarle nei comuni di Poggio Renatico e Terre del Reno (FE) – Condotto distributore Sud e impianto di sollevamento

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO AMPLIAMENTO VASCA SOLLEVAMENTO

Committente:

Consorzio di Bonifica **PIANURA di FERRARA**

44121 Ferrara - Via Borgo dei Leoni, 28
Codice Fiscale 93076450381
Tel.: 0532.218211 - Fax: 0532.211402
E-mail: info@bonificaferrara.it

Progettista:

STUDIO ITA

ing. Elisa Maniezzo

Elab. n.:

R05

Rev.: **1°EMISS.**

Data: **24.03.20**

1°emiss.	24.03.20	1° emissione	BMVitelletti	EManiezzo	EManiezzo
Rev.:	*Data*	*Descrizione*	*Eseguito*	*Controllato*	*Approvato*

1 INDICE

1 INDICE 2
2 RIFERIMENTI NORMATIVI 3
3 RIFERIMENTI BIBLIOGRAFICI 4
4 PREMESSA 7
5 CARATTERISTICHE DEI MATERIALI 8
5.1 Conglomerato cementizio 8
5.2 Acciaio per cemento armato 8
6 DURABILITÀ DELLE OPERE 9
6.1 Calcolo del copriferro 11
7 ANALISI DEI CARICHI 13
7.1 Carichi permanenti strutturali (g_1) 13
7.2 Spinta del terreno e falda 13
7.3 Sovraccarico interno allo scatolare 14
7.4 Azione sismica 14
8 AMPLIAMENTO VASCA 15
8.1 Modello 16
8.2 Azioni 17
8.3 Casi di carico 17
8.4 Combinazioni di carico 19
8.5 Sollecitazioni 21
8.6 Verifiche 24
8.6.1 Verifiche agli SLU 24
8.6.2 Verifiche agli SLE 25
8.6.3 Verifica a galleggiamento 29
8.6.4 Verifica capacità portante terreno 30

ALLEGATI

ALLEGATO A: Report ampliamento vasca

2 RIFERIMENTI NORMATIVI

[NT_1]. D.M. 14.01.2018 "Norme tecniche per le costruzioni (Gazzetta ufficiale 20/02/2018 n. 42)"

[NT_2]. Circolare applicativa 21.01.2019 "Istruzioni per l'applicazione dell'aggiornamento delle "Norme tecniche per le costruzioni" di cui al D.M. 17/01/2018

3 RIFERIMENTI BIBLIOGRAFICI

RIFERIMENTI PER CALCOLO STRUTTURALE

[B1]. A.I.C.A.P. [2006] - "Guida all'uso dell'Eurocodice 2"

[B2]. ANTONIO MIGLIACCI, FRANCO MOLA [2003] - "Progetto agli stati limite delle strutture in c.a."

[B3]. CSI COMPUTER & STRUCTURE [2009] - "SAP 2000 user's manual"

[B4]. C. CESTELLI GUIDI [1987] - "Cemento armato precompresso"

[B5]. DAVID COLLINGS [2005] - "Steel-concrete composite bridge"

[B6]. ERASMO VIOLA [1992] - "Scienza delle costruzioni"

[B7]. INTERNETIONAL CENTRE FOR MECHANICAL SCIENCES [2003] - "Strutture composte: nuove costruzioni – recupero – ponti"

[B8]. LUIGI SABTARELLA [1998] - "Il cemento armato: la tecnica e la statica"

[B9]. MARIO PETRANGELI [1996] - "Progettazione e costruzione di ponti"

[B10]. MARCELLO ARICI, ENZO SIVIERO [2005] - "Nuovi orientamenti per la progettazione di Ponti e Viadotti"

[B11]. NIGEL R. HEWSON [2006] -"Prestressed concrete bridge: design and construction"

[B12]. O. BELLUZZI [1996] - "Scienza delle costruzioni"

[B13]. PAOLO RUGALI [2008] - "Calcolo di strutture in acciaio; guida all'Eurocodice 3"

[B14]. P. POZZATI, C. CECCOLI [2000] - "Teoria e tecnica delle strutture"

[B15]. R. WALTHER, B. HOURIET, W. ISLER, P. MOIA, J.F. KLEIN [2008] - "Cable stayed bridges"

[B16]. WAI-FAH CHEN, LIAN DUAN [2000] - "Bridge engineering, substructure design"

RIFERIMENTI PER CALCOLO SISMICO

[B17]. ANDRE' PREUMONT, KAZUTO SETO [2008] - "Active control of structures"

[B18]. AMR S. ELNASHI, LUIGI DI SARNO [2008] - "Foundamental of earthquake engineering"

[B19]. C. CASAROTTI, R. PINHO, G.M. CALVI [2006] - "Adaptive pushover-based methods for seismic assessment and design of bridge structure"

[B20]. C.G. LAI, S. FOTI, M. ROTA [2009] – "Input sismico e stabilità geotecnica dei siti in costruzione"

[B21]. D. PIETRA, G.M. CALVI, R. PINHO [2008] - "Displacement-based sismic design of isolated bridge"

[B22]. ERASMO VIOLA [2001] - "Fondamenti di dinamica e vibrazione delle strutture"

[B23]. IUSS PRESS, rivista quadrimestrale - "Progettazione sismica"

[B24]. M.J.N. PRIESTLEY, G.M. CALVI, M.J. KOWLASKY [2007] - "Displacement-based seismic design of structures"

[B25]. P.E. PINTO, P. FRANCHIN, A. LUPOI [2009] - "Valutazione e consolidamento sismico dei ponti esistenti"

[B26]. P.E. PINTO, R. GIANNINI, P. FRANCHIN [2004] - "seismic reliability analysis of structures"

RIFERIMENTI PER CALCOLO GEOTECNICO

[B27]. ASSOCIAZIONE GEOTECNICA ITALIANA [1984] - "Raccomandazioni sui pali di fondazione"

[B28]. BRINCH-HANSEN, J. [1961] - "A General Formula for Bearing Capacity" - The Danish Geotechnical Institute, Bull. n.11, Copenhagen.

[B29]. BRINCH-HANSEN, J. [1970] - "A Revised and Extended Formula for Bearing Capacity" - The Danish Geotechnical Institute, Bull. n.28, Copenhagen.

[B30]. BUSTAMANTE M. & DOIX B. (1985)- "Une méthode pour le calcul des tirants et des micropieux injectés" Bulletin Laboratoire Central des Ponts et Chaussées, n°140, nov.-déc., ref. 3047

[B31]. BUSTAMANTE M., GIANESELLI L.. [1982] - "Pile bearing capacity prediction by means of static penetrometer CPT" -.Pr. of the 2th European symposium on penetration testing, Amsterdam.

[B32]. BOWLES J.E. [1991] - "Fondazioni – Progetto e Analisi" - Editore McGraw-Hill

[B33]. CARLO CESTELLI GUIDI [1987] - "Geotecnica e tecnica delle fondazioni"

[B34]. DE BEER, E.E., LADANYI, B. [1961] - "Etude experimentale de la capacite portante du sable sous des fondations circulaires etablies en surface". 5th ICSMFE, Paris, 1, 577-581.

[B35]. GROUP 7.0 for windows [2000] - Technical & User's manual – Ensoft Inc.

[B36]. H.G. POULOS, E.H. DAVIS [2002] - "Analisi e progettazione di fondazioni su pali"

[B37]. JAMIOLKOWSKI M. et al. [1983] - "Scale effects of ultimate pile capacity" - Discussion, JGED, ASCE.

[B38]. LANCELLOTTA R. [1991] " Geotecnica" – Edizioni Zanichelli.

[B39]. MEYERHOF, G.G. [1951] - "The Ultimate Bearing Capacity of Foundations" - Geotechnique, 2, 301-332.

[B40]. MEYERHOF, G.G. [1951] - "Some recent research on the bearing capacity of foundations" - Canadian Geotechnical Journal,1, 16-26

[B41]. MEYERHOF G.G., SASTRY V.V.R.N. [1978] - "Bearing capacity of piles in layered

soils. Part 1. Clay overlying sand" - Canadian Geotechnical Journal, 15,171-182, 183-189.

[B42]. REESE L.C., WRIGHT S.J. [1977] - "Drilled shaft manual" - U.S. Dept. Transportation, Offices of Research and Development, Implementation Div., HDV 2, Washington D.C., vol.1

[B43]. REESE L.C., W.R.COX, F.D. KOOP [1974] - "Analysis of lateralli loaded piles in sand" – Paper N° OCT 2080, Proceedings, Fifth Annual Offshore Technology Conference, Houston, Texas, 1975.

[B44]. REESE L.C., W.R.COX, F.D. KOOP [1975] - "Field testing and analysis of laterally loaded piles in stiff clay" – Paper N° OCT 2313, Proceedings, Seventh Offshore Technology Conference, Houston, Texas, 1975.

[B45]. REESE L.C., WELCH R.C. [1975] - "Lateral loading of deep foundations in stiff clay" – Journal of the geotechnical Division, ASCE, Vol. 101, No GT7, Proocedings Paper 11456, 1975, pp. 633 – 649.

[B46]. SKEMPTON, A. W. [1951] - "The bearing capacity of clays" - Building Research Congress, London, 1, 180-189.

[B47]. VESIC, A.S. [1970] - "Tests on instrumented Piles, Ogeechee River Site" - JSMFD, ASCE, V. 96, N. SM2, Proc. Paper 7170, March.

[B48]. VESIC, A.S. [1973] - "Analysis of Ultimate Loads of Shallow Foundations". - JSMFD, ASCE, Jan., 45-73.

[B49]. WELCH, R.C., REESE L.C. [1972] - "Laterally loaded Behavior of drilled shafts" – Research Report N° 3-5-65-89, conducted for Texas Highway Department and U.S. Department of Transportation, Federal Highway Administration, Bureau of Public Roads, by Center for Highway Research, The University of Austin.

4 PREMESSA

La presente relazione si inserisce nel Progetto Esecutivo dei “Lavori di implementazione primaria del sistema irriguo Ciarle nei comuni di Poggio Renatico e Terre del Reno (FE) – Condotto distributore Sud e impianto di sollevamento”.

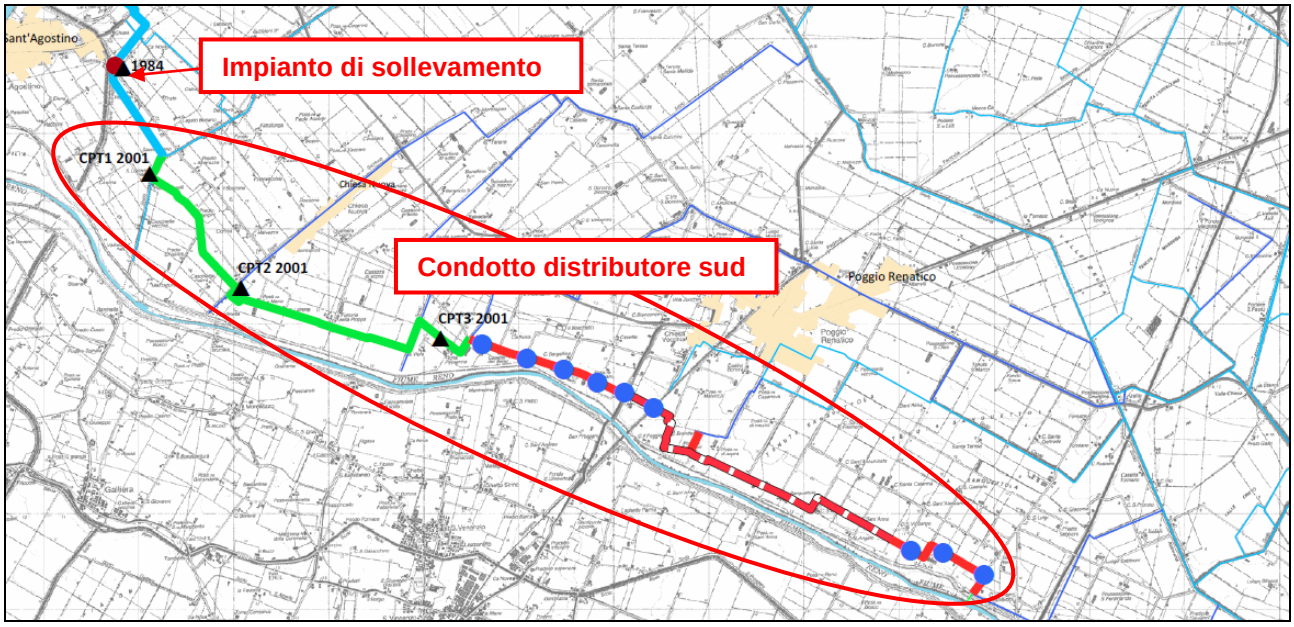


Figura 1: Quadro di unione.

In particolare il presente documento contiene i calcoli relativi alla vasca di sollevamento ubicata nel comune di Terre del Reno (ved. Figura 2).

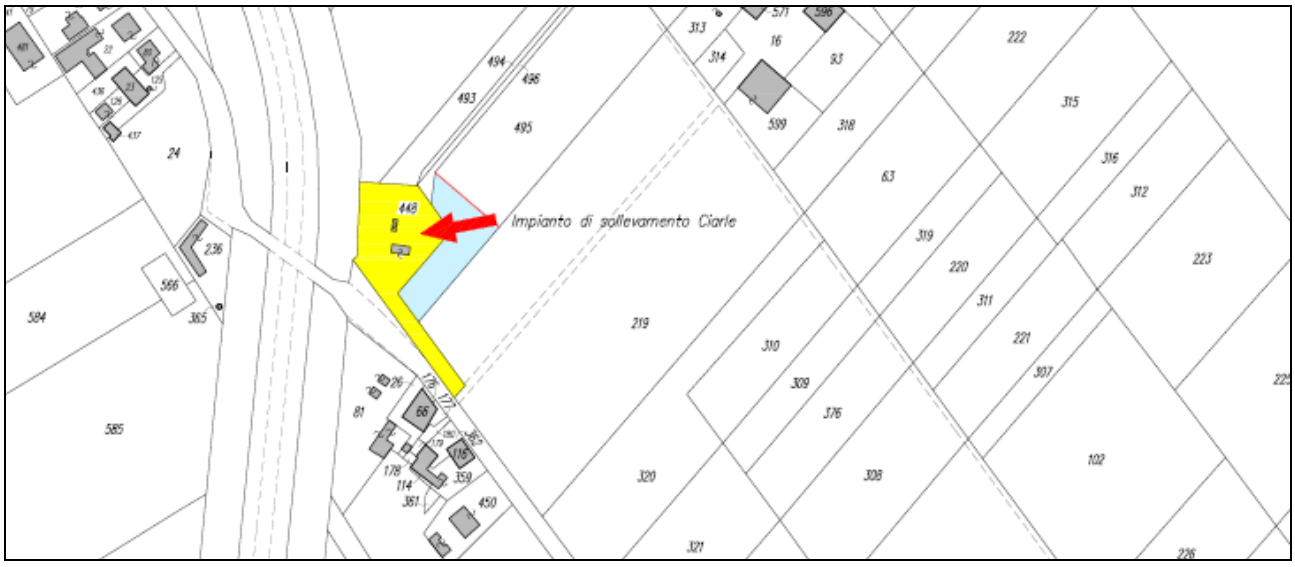


Figura 2: Ubicazione vasca di sollevamento

5 CARATTERISTICHE DEI MATERIALI

5.1 Conglomerato cementizio

Classe	C25/30
Resistenza caratteristica cubica	$f_{ck,cube}$ = 30 N/mm^2
Resistenza caratteristica cilindrica	$f_{ck,cyl}$ = 25 N/mm^2
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} * f_{ck}/\gamma_c = 0,85 * f_{ck}/1,5$ = 14,167 N/mm^2
Resistenza a trazione media	$f_{ctm} = 0,30 * f_{ck}^{2/3}$ = 2,565 N/mm^2
Resistenza a trazione (frattile 5%)	$f_{ctk\ 0,05} = 0,7 * f_{ctm}$= 1,795 N/mm^2
Resistenza a trazione di calcolo	$f_{ctd} = f_{ctk0,05} / \gamma_c$ = 1,197 N/mm^2
Classe di esposizione	XC2
Classe di consistenza	S4

5.2 Acciaio per cemento armato

Per le armature metalliche si adottano tondini in acciaio del tipo B450C controllato in stabilimento che presentano le seguenti caratteristiche:

Tensione di snervamento caratteristica	$f_{yk} \geq$ 450 N/mm^2
Tensione caratteristica a rottura	$f_{tk} \geq$ 540 N/mm^2
Resistenza di calcolo	$f_{yd} = f_{yk} / \gamma_s$= 450/1,15 = 391,30 N/mm^2
Deformazione caratteristica al carico massimo	ε_{uk} = 7,5 %
Deformazione di progetto	ε_{ud} = 6,75 %

6 DURABILITÀ DELLE OPERE

Per garantire la durabilità delle strutture in calcestruzzo armato ordinario, esposte all'azione dell'ambiente, si devono adottare i provvedimenti atti a limitare gli effetti di degrado indotti dall'attacco chimico, fisico e derivante dalla corrosione delle armature e dai cicli di gelo e disgelo.

Al fine di ottenere la prestazione richiesta in funzione delle condizioni ambientali, nonché per la definizione della relativa classe, si fa riferimento alle indicazioni contenute nelle Linee Guida sul calcestruzzo strutturale edite dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici ovvero alle norme UNI EN 206-1:2006 ed UNI 11104:2004.

1 Nessun rischio di corrosione o di attacco		
X0	Calcestruzzo privo di armatura o inserti metallici: tutte le esposizioni eccetto dove c'è gelo/disgelo, abrasione o attacco chimico. Calcestruzzo con armatura o inserti metallici molto asciutto.	Calcestruzzo all'interno di edifici con umidità dell'aria molto bassa.
2 Corrosione indotta da carbonatazione		
XC1	Asciutto o permanentemente bagnato	Calcestruzzo all'interno di edifici con bassa umidità relativa. Calcestruzzo costantemente immerso in acqua
XC2	Bagnato, raramente asciutto	Superfici di calcestruzzo a contatto con acqua per lungo tempo. Molte fondazioni
XC3	Umidità moderata	Calcestruzzo all'interno di edifici con umidità dell'aria moderata oppure elevata. Calcestruzzo esposto all'esterno protetto dalla pioggia
XC4	Ciclicamente bagnato e asciutto	Superfici di calcestruzzo soggette al contatto con acqua, non nella classe di esposizione XC2
3 Corrosione indotta da cloruri		
XD1	Umidità moderata	Superfici di calcestruzzo esposte a nebbia salina
XD2	Bagnato, raramente asciutto	Piscine. Calcestruzzo esposto ad acque industriali contenenti cloruri
XD3	Ciclicamente bagnato ed asciutto	Parti di ponti esposte a spruzzi contenenti cloruri Pavimentazioni stradali e di parcheggi
4 Corrosione indotta da cloruri presenti nell'acqua di mare		
XS1	Esposto a nebbia salina ma non in contatto diretto con acqua di mare	Strutture prossime oppure sulla costa
XS2	Permanentemente sommerso	Parti di strutture marine
XS3	Zone esposte alle onde, agli spruzzi oppure alle maree	Parti di strutture marine
5 Attacco di cicli gelo/disgelo		
XF1	Moderata saturazione d'acqua, senza impiego di agente antigelo	Superfici verticali di calcestruzzo esposte alla pioggia e al gelo
XF2	Moderata saturazione d'acqua, con uso di agente antigelo	Superfici verticali di calcestruzzo di strutture stradali esposte al gelo e nebbia di agenti antigelo
XF3	Elevata saturazione d'acqua, senza antigelo	Superfici orizzontali di calcestruzzo esposte alla pioggia e al gelo
XF4	Elevata saturazione d'acqua, con antigelo oppure acqua di mare	Strade e impalcati da ponte esposti agli agenti antigelo Superfici di calcestruzzo esposte direttamente a nebbia contenente agenti antigelo e al gelo

6. Attacco chimico		
XA1	Ambiente chimico debolmente aggressivo	Suoli naturali ed acqua del terreno
XA2	Ambiente chimico moderatamente aggressivo	Suoli naturali ed acqua del terreno
XA3	Ambiente chimico fortemente aggressivo	Suoli naturali ed acqua del terreno

Per le opere della presente relazione si adottano le classi di esposizione indicate al capitolo 5.1 ricordando che per ciascuna classe di esposizione le condizioni ambientali da considerare sono le seguenti.

Condizioni ambientali	**Classe di esposizione**
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Nella tabella seguente si riportano per completezza anche i limiti di apertura delle fessure in funzione delle condizioni ambientali e della sensibilità delle armature:

Gruppi di esigenze	**Condizioni ambientali**	**Combinazione di azioni**	**Armatura**			
			Sensibile		**Poco sensibile**	
			Stato limite	**w_d**	**Stato limite**	**w_d**
a	*Ordinarie*	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	*Aggressive*	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	*Molto aggressive*	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Per tutte le parti strutturali componenti l'opera in progetto si utilizzano armature **poco sensibili**.

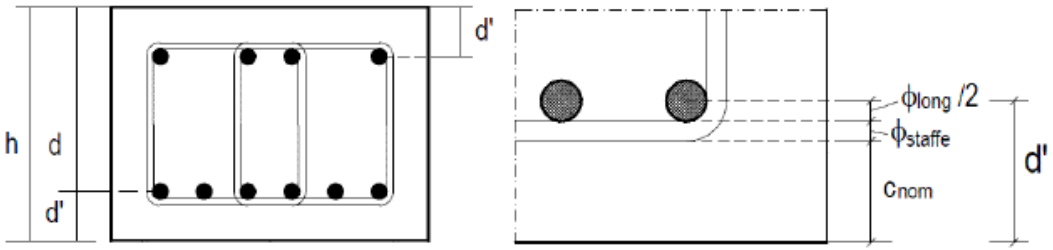
6.1 Calcolo del copriferro

Ai fini della protezione delle armature dala corrosione, lo strato di ricoprimento del calcestruzzo (copriferro) deve essere dimensionato in funzione dell'aggressività dell'ambiente e della sensibilità delle armature alla corrosione, tenendo anche conto delle tolleranze di posa delle armature; a tale scopo si può fare utile riferimento alla UNI EN 1992 1-1.

Dunque, il calcolo del copriferro di progetto è stato condotto in ottemperanza a quanto prescritto dall'EC2.

$$c_{nom} = c_{min} + \Delta c_{dev}$$

$$c_{min} = \max (c_{min,b} ; c_{min,dur} + \Delta c_{dur,\gamma} - \Delta c_{dur,st} - \Delta c_{dur,add} ; 10mm)$$



Specificatamente:

- c_{nom}= copriferro minimo di progetto (ved. formula soprastante);
- $c_{min,b}$= copriferro minimo per garantire l'aderenza – tale valore è stabilito dalla tabella seguente.

prospetto 4.2 **Copriferro minimo, $c_{min,b}$, richiesto con riferimento all'aderenza**

Requisito relativo all'aderenza	
Disposizione delle armature	Copriferro minimo $c_{min,b}$ *)
Isolate	Diametro della barra
Raggruppate	Diametro equivalente (ϕ_n) (vedere punto 8.9.1)
*) Se la dimensione nominale massima dell'aggregato è maggiore di 32 mm, si raccomanda di maggiorare $c_{min,b}$ di 5 mm.	

Nel caso in oggetto le armature possono essere di tipo raggruppato essendoci sovrapposizione tra i ferri principali.

$c_{min,\ dur}$= copriferro minimo per garantire la durabilità – tale valore è stabilito dalla tabella seguente sulla base della classe di esposizione e della classe strutturale.

prospetto 4.4N **Valori del copriferro minimo, $c_{min,dur}$, requisiti con riferimento alla durabilità per acciai da armatura ordinaria, in accordo alla EN 10080**

Requisito ambientale per $c_{min,dur}$ (mm)							
Classe strutturale	Classe di esposizione secondo il prospetto 4.1						
	X0	XC1	XC2 / XC3	XC4	XD1 / XS1	XD2 / XS2	XD3 / XS3
S1	10	10	10	15	20	25	30
S2	10	10	15	20	25	30	35
S3	10	10	20	25	30	35	40
S4	10	15	25	30	35	40	45
S5	15	20	30	35	40	45	50
S6	20	25	35	40	45	50	55

Nel caso di specie la struttura rientra nella classe di esposizione

XC2 con classe strutturale **S4**

Δc_{dev}= tolleranza di esecuzione varia da 0 a 10 mm.

Per il caso in oggetto è stata posta pari a 5mm.

Pertanto, nel caso in oggetto ed in riferimento alle armature principali si ha:

MANIFATTI IN C.A.

VERIFICA DI DURABILITA' EC 2	
Classe di esposizione	XC2
Classe strutturale	S4
Misura aggregato MAX	32
Armature isolate	si
Numero Barre	/
$c_{min,dur}$	25
Φ	16
$c_{min,b}$	16
c_{min}	25
Δc_{dev}	5
c_{nom}	30
c_{prog}	30
VERIFICA	OK

7 ANALISI DEI CARICHI

Nel presente capitolo verranno riportati tutti i carichi agenti sui manufatti, indicando le modalità di calcolo dell'azione, ma senza indicarne il valore numerico, che sarà esplicitato nel capitolo dedicato al manufatto specifico.

7.1 Carichi permanenti strutturali (g_1)

I pesi propri della struttura e dei carichi permanenti portati vengono calcolati sulla base della tipologia costruttiva e del pacchetto di carico gravante sul manufattto. In tutti i casi studiati, questo contributo viene calcolato attraverso un foglio di calcolo elettronico dedicato.

7.2 Spinta del terreno e falda

Il reinterro a ridosso dei manufatti verrà eseguito con terreno proveniente dagli scavi, compattato per strati di 50 cm di spessore c.a. Il calcolo del contribuito dato dal terreno viene valutato considerando le seguenti ipotesi:

- peso specifico γ_t = 19 kN/m^3 ;
- angolo di attrito ϕ=25°;

Da cui risulta un coefficiente di spinta a riposo λ_o come riportato di seguito

$\lambda 0$=	0,58

La falda per tutti i manufatti è considerata qa quota di piano campagna.

Si applicano, di conseguenza, i valori delle spinte secondo la profondità con

$p_h = \lambda_a \gamma_t z$

e con il consueto diagramma trapezoidale delle pressioni orizzontali.

Naturalmente queste spinte saranno opportunamente combinate, utilizzando i valori dei coefficienti parziali delle azioni da assumere nell'analisi per la determinazione degli effetti delle azioni nelle verifiche agli stati limite ultimi.

7.3 Sovraccarico interno allo scatolare

Sulla soletta di fondazione in generale si considera il contributo dato dall'acqua interna, che viene valutato caso per caso a seconda del grado di riempimento.

7.4 Azione sismica

Le opere in progetto sono state assimilate a "Opere e sistemi Geotecnici" normati dal punto di vista sismico al capitolo 7.11 delle NTC 2018. In particolare si è fatto riferimento al capitolo relativo le Opere di sostegno, per le quali è possibile eseguire l'analisi sismica con metodi pseudo-statici.
In questo caso, l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico.
Nelle verifiche, i valori dei coefficienti sismici orizzontale kh e verticale kv, possono essere valutati mediante le espressioni:

$$k_h = \beta_m \cdot \frac{a_{\max}}{g}$$

$$k_v = \pm 0.5 \cdot k_h$$

Dove:
β_m: è il coefficiente di riduzione dell'accelerazione massima attesa al sito;
a_{max}: accelerazione massima orizzontale attesa al sito;
g: accelerazione di gravità;

Dati per Azioni sismiche	
kh=	0,196
kv=	0,098

8 AMPLIAMENTO VASCA

Il progetto prevede l'ampliamento di una vasca esistente, dove da un lato si ha l'ingresso delle tubazioni di mandata delle pompe e in basso dalla parte opposta sono presenti i tombinamenti di collegamento con i canali irrigui. L'ampliamento si rende necessario per evitare problemi di turbolenza nel manufatto. Nella figura seguente si riporta la carpenteria dell'opera.

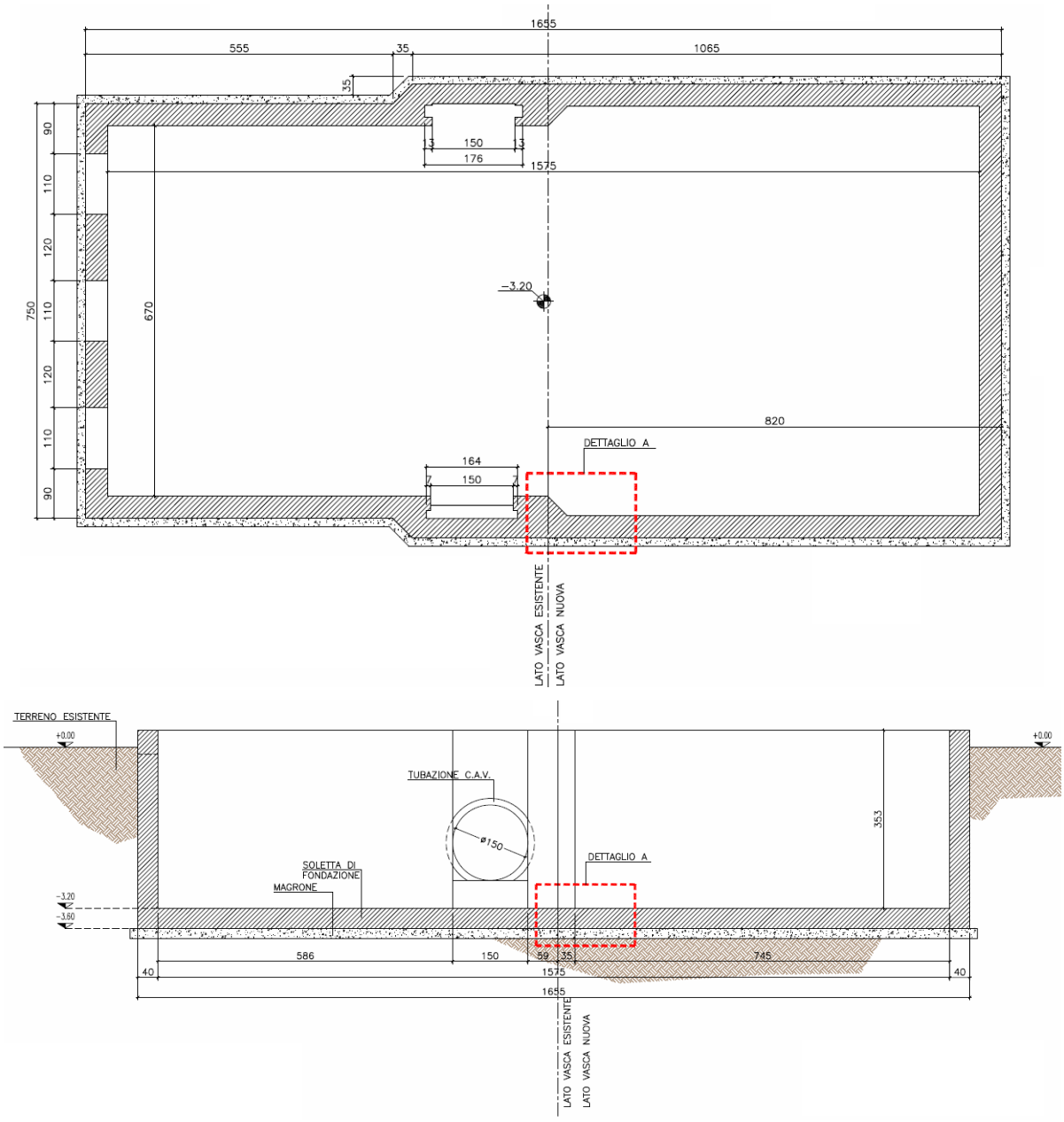


Figura 3: Carpenteria Ampliamento Vasca.

8.1 Modello

La struttura è stata analizzata mediante un programma di calcolo FEM denominato ProSap, prodotto dalla 2si di Ferrara.

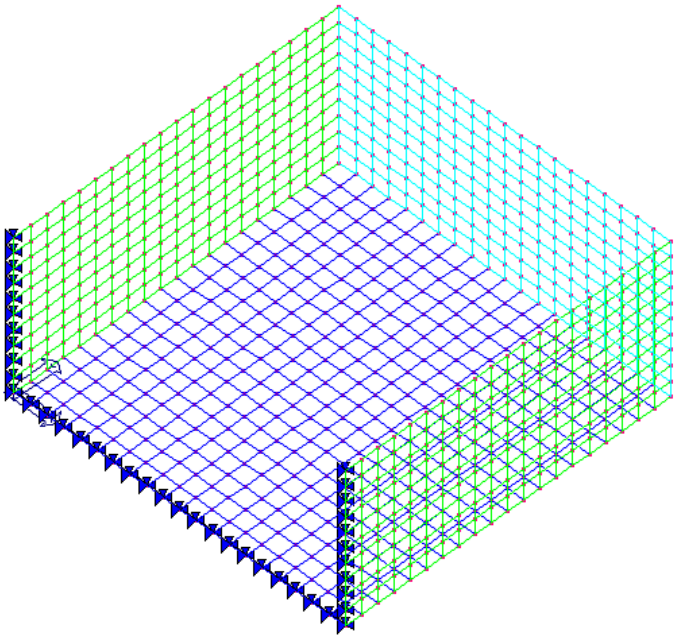


Figura 4:Modello fili fissi.

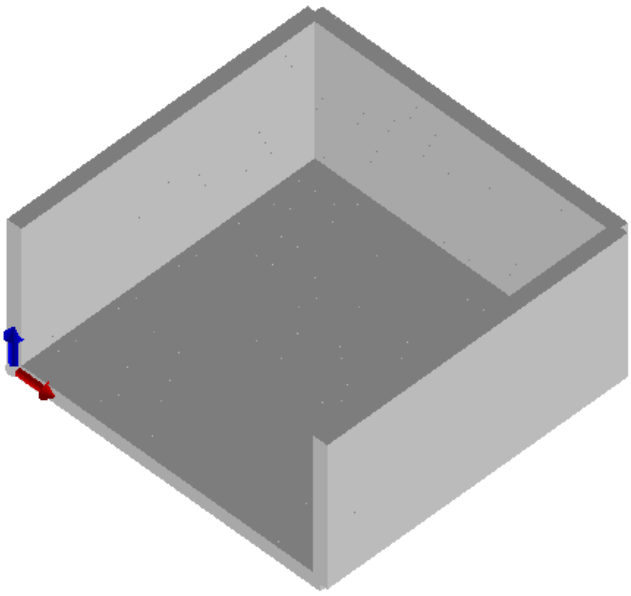


Figura 5:Modello solido veloce.

8.2 Azioni

Le azioni considerate sono state identificate come previsto al capitolo 7

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
9	Acqua interna su soletta inf	0.35
10	Sottospinta Falda	-0.40

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		daN/cm2	cm	daN/cm2	cm
1	Spinta Falda sx	0.0	400.00	0.40	0.0
2	Spinta Falda dx	0.0	400.00	-0.40	0.0
5	Spinta riposo sx	0.0	400.00	0.21	0.0
6	Spinta riposo dx	0.0	400.00	-0.21	0.0
7	Acqua interna sx	0.0	350.00	-0.35	0.0
8	Acqua interna dx	0.0	400.00	0.35	0.0
11	ETK PAN ++	0.15	400.00	0.15	0.0
12	ETK PAN --	-0.15	400.00	-0.15	0.0
13	acqua interna y	0.0	350.00	0.35	0.0
14	Spinta Falda y	0.0	400.00	-0.40	0.0
17	Spinta riposo y	0.0	400.00	-0.21	0.0

8.3 Casi di carico

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai

6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Etk**	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista

localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Gk1 (peso proprio della struttura)	
2	Gk	CDC=Gk1 (permanenti portati)	Azioni applicate:
3	Gk	CDC=Gk1 (spinta a riposo)	Azioni applicate:
			D3 :da 1 a 400 Azione : Sottospinta Falda
			D3 :da 401 a 600 Azione : Spinta Falda sx
			D3 :da 401 a 600 Azione : Spinta riposo sx
			D3 :da 601 a 800 Azione : Spinta Falda dx
			D3 :da 601 a 800 Azione : Spinta riposo dx
			D3 :da 801 a 1000 Azione : Spinta Falda y
			D3 :da 801 a 1000 Azione : Spinta riposo y
4	Qk	CDC=Qk (acqua interna allo scatolare)	Azioni applicate:
			D3 :da 1 a 400 Azione : Acqua interna su soletta inf
			D3 :da 401 a 600 Azione : Acqua interna sx
			D3 :da 601 a 800 Azione : Acqua interna dx
			D3 :da 801 a 1000 Azione : acqua interna y
5	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. 0)	partecipazione:1.00 per 1 CDC=Gk1 (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=Gk1 (permanenti portati)
			partecipazione:1.00 per 3 CDC=Gk1 (spinta a riposo)
			partecipazione:0.80 per 4 CDC=Qk (acqua interna allo scatolare)
6	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. 0)	come precedente CDC sismico
7	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0	Azioni applicate:
			D3 :da 401 a 600 Azione : ETK PAN ++
8	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0	Azioni applicate:
			D3 :da 601 a 800 Azione : ETK PAN --
9	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00	Azioni applicate:
10	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00	Azioni applicate:
			D3 :da 801 a 1000 Azione : ETK PAN --
11	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. 0)	come precedente CDC sismico
12	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. 0)	come precedente CDC sismico

8.4 Combinazioni di carico

Le combinazioni di carico utilizzate, rispondenti a quanto richiesto dalle NTC 2018 sono le seguenti:

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 (SLV sism.) 5	
6	SLU	Comb. SLU A1 (SLV sism.) 6	
7	SLU	Comb. SLU A1 (SLV sism.) 7	
8	SLU	Comb. SLU A1 (SLV sism.) 8	
9	SLU	Comb. SLU A1 (SLV sism.) 9	
10	SLU	Comb. SLU A1 (SLV sism.) 10	
11	SLU	Comb. SLU A1 (SLV sism.) 11	
12	SLU	Comb. SLU A1 (SLV sism.) 12	
13	SLD(sis)	Comb. SLE (SLD Danno sism.) 13	
14	SLD(sis)	Comb. SLE (SLD Danno sism.) 14	
15	SLD(sis)	Comb. SLE (SLD Danno sism.) 15	
16	SLD(sis)	Comb. SLE (SLD Danno sism.) 16	
17	SLD(sis)	Comb. SLE (SLD Danno sism.) 17	
18	SLD(sis)	Comb. SLE (SLD Danno sism.) 18	
19	SLD(sis)	Comb. SLE (SLD Danno sism.) 19	
20	SLD(sis)	Comb. SLE (SLD Danno sism.) 20	
21	SLE(f)	Comb. SLE(freq.) 21	

Cmb	Tipo	Sigla Id	effetto P-delta
22	SLE(f)	Comb. SLE(freq.) 22	
23	SLE(p)	Comb. SLE(perm.) 23	
24	SLE(p)	Comb. SLE(perm.) 24	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	1.30	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	1.00	1.00	1.00	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	1.00	1.00	1.00	0.80	-1.00	-0.30	0.0	1.00	0.0	0.30	0.0	0.0		
6	1.00	1.00	1.00	0.80	-1.00	0.30	0.0	1.00	0.30	0.0	0.0	0.0		
7	1.00	1.00	1.00	0.80	1.00	-0.30	1.00	0.0	0.0	0.30	0.0	0.0		
8	1.00	1.00	1.00	0.80	1.00	0.30	1.00	0.0	0.30	0.0	0.0	0.0		
9	1.00	1.00	1.00	0.80	-0.30	-1.00	0.0	0.30	0.0	1.00	0.0	0.0		
10	1.00	1.00	1.00	0.80	-0.30	1.00	0.0	0.30	1.00	0.0	0.0	0.0		
11	1.00	1.00	1.00	0.80	0.30	-1.00	0.30	0.0	0.0	1.00	0.0	0.0		
12	1.00	1.00	1.00	0.80	0.30	1.00	0.30	0.0	1.00	0.0	0.0	0.0		
13	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30		
14	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30		
15	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30		
16	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30		
17	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00		
18	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00		
19	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00		
20	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00		
21	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	1.00	1.00	1.00	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

8.5 Sollecitazioni

Si riportano di seguito le principali azioni agenti sulla struttura.

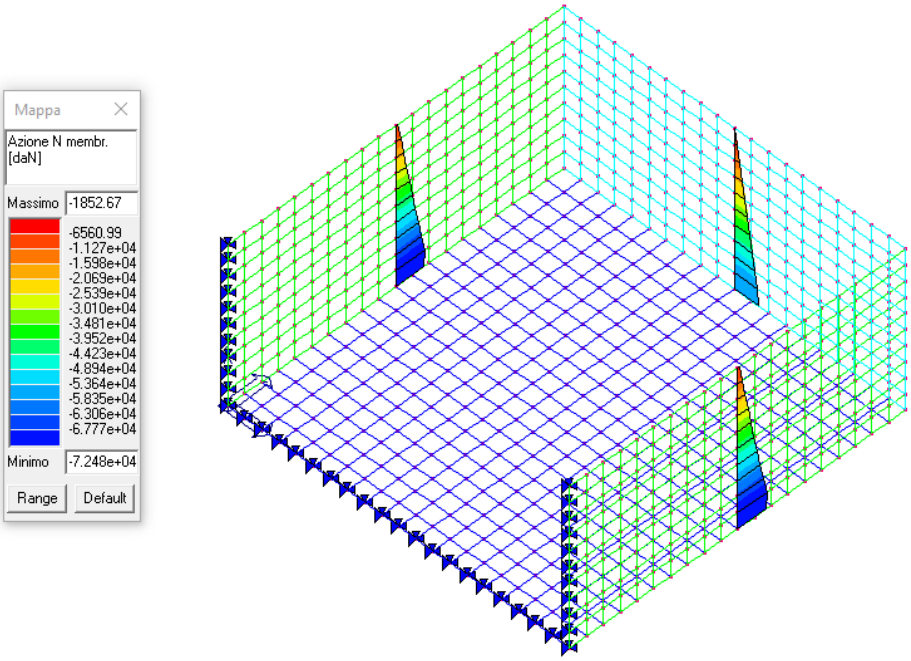


Figura 6: Azioni Macro - Nmin

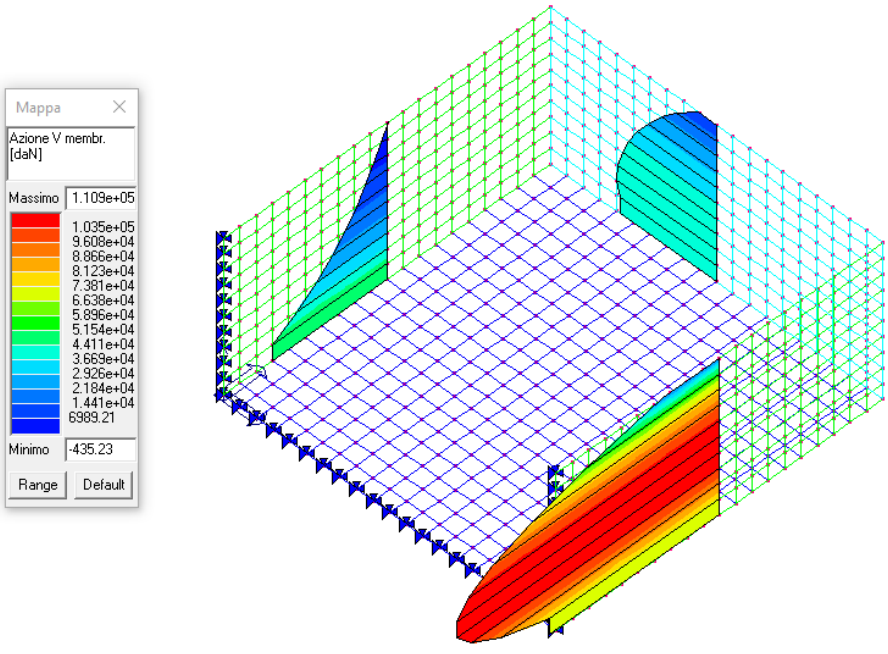


Figura 7: Azioni Macro – Vmax (sismica)

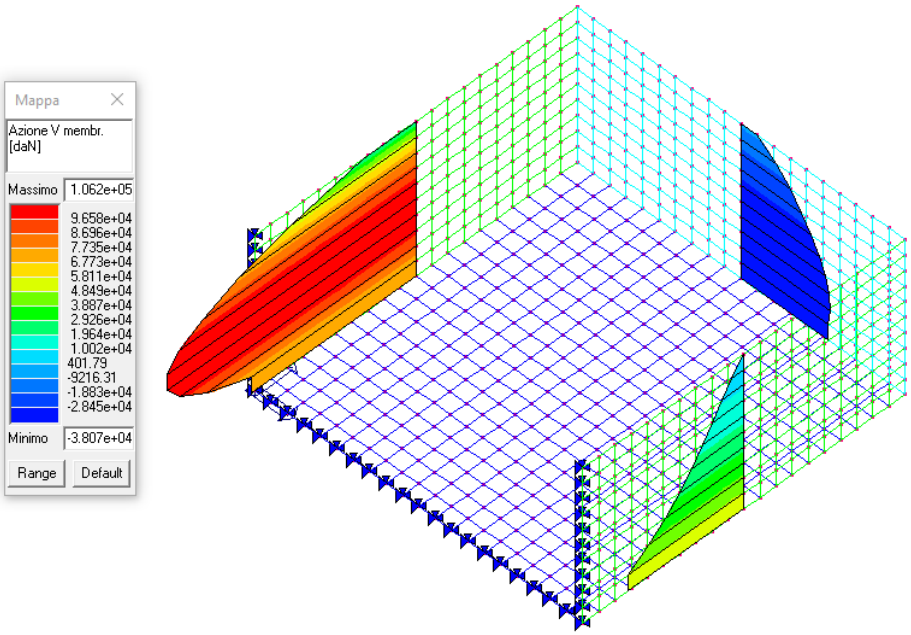


Figura 8: Azioni Macro – Vmin (sismica)

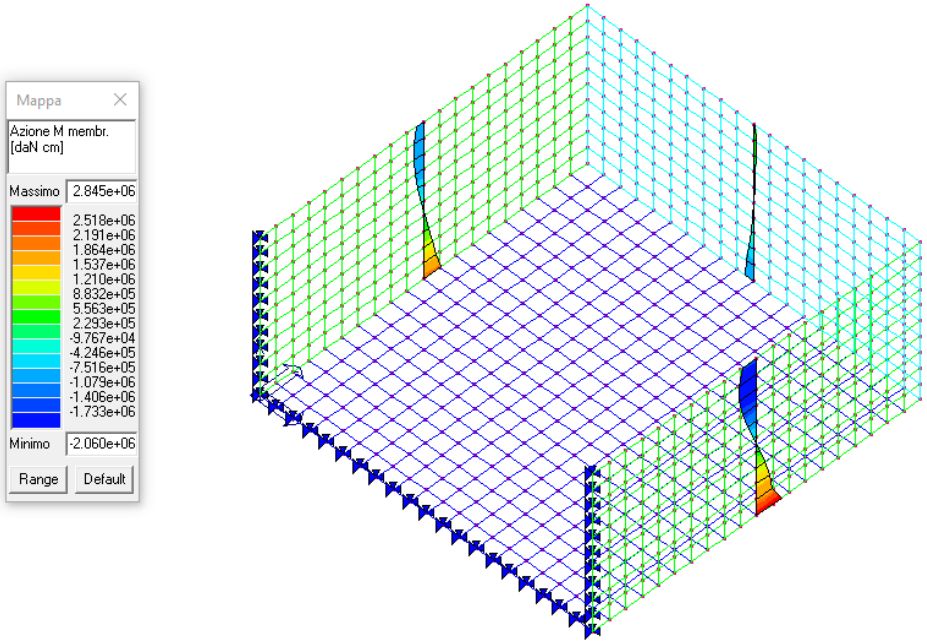


Figura 9: Azioni Macro – Mmax (sismica)

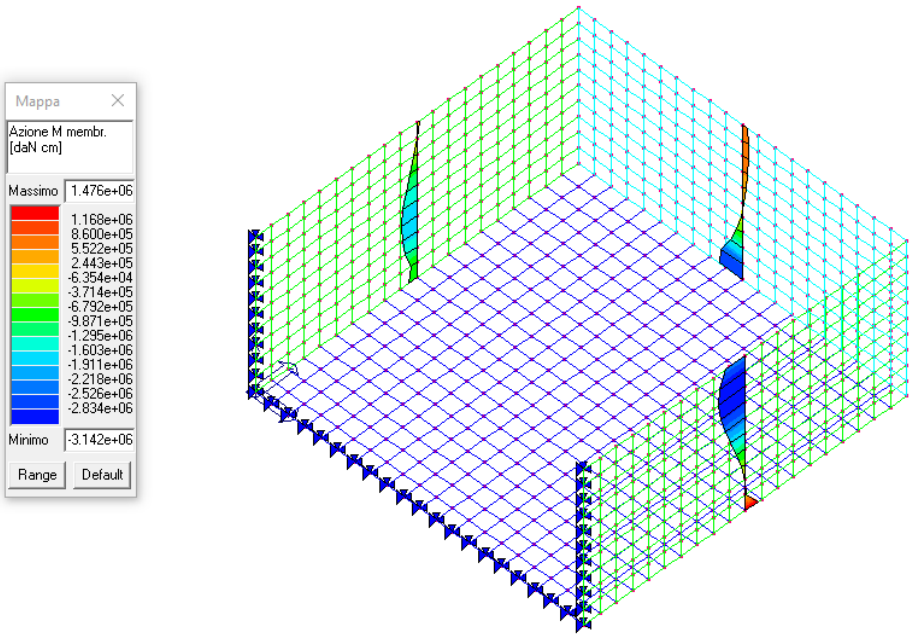


Figura 10: Azioni Macro – Mmin (sismica)

8.6 Verifiche

8.6.1 Verifiche agli SLU

Le verifiche condotte permettono di identificare il minimo quantitativo di armatura necessaria per le verifiche di resistenza.
Nel caso in oggetto l'armatura minima necessaria è indicata in Figura 11.

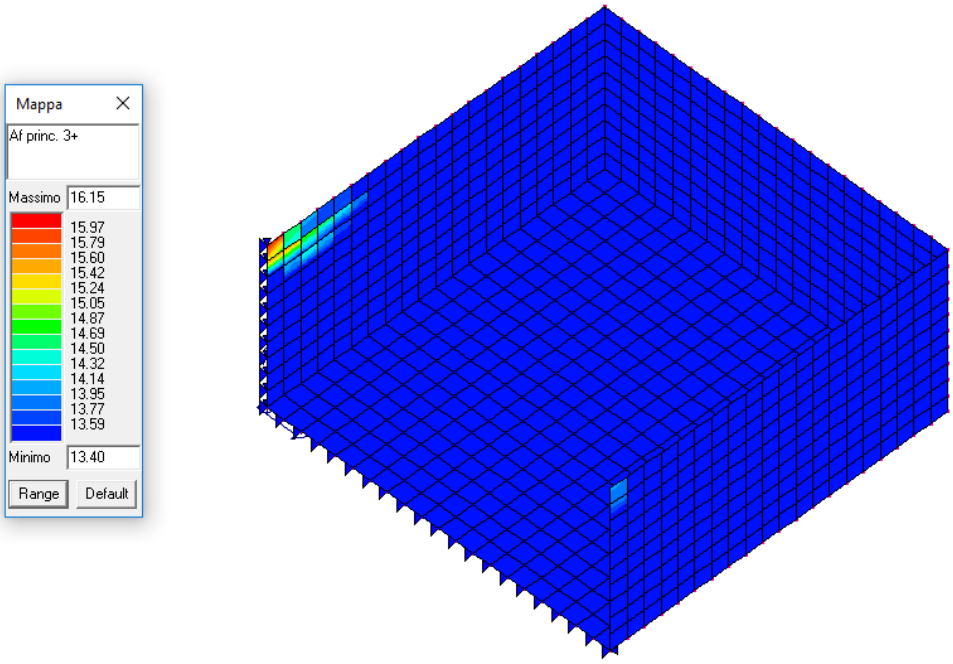


Figura 11: Armatura minima necessaria.

A favore di sicurezza è stata prevista un'armatura pari a Af=A'f=13.4 cmq, valore maggiore del minimo di progetto richiesto.

In corrispondenza dello spigolo delle pareti che andranno a collegarsi con la vasca esistente, è richiesto un aumento di armatura.

Nelle immagini seguenti verrà indicato il quantitativo di armatura richiesta dal calcolo.

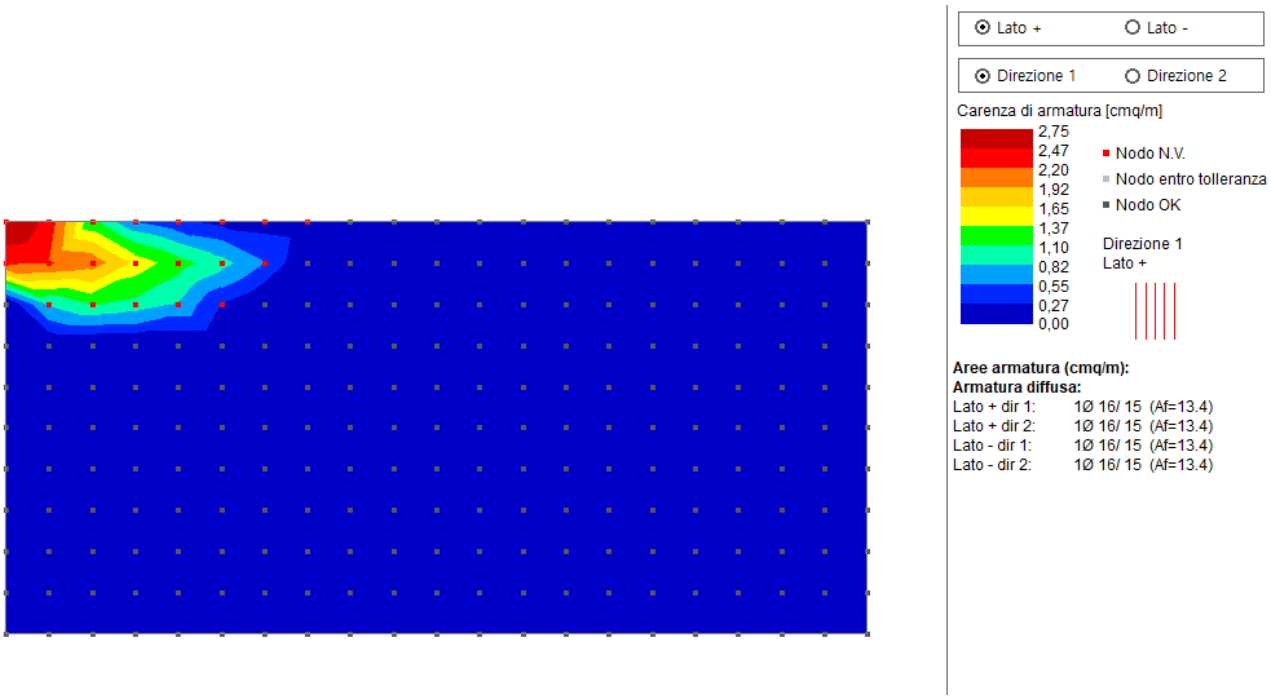


Figura 12: Armatura integrativa parete vasca

Si prevede dunque l'inserimento di n. 4 ϕ16 a passo 80 cm.

Tutti i risultati delle verifiche sono riportati in Allegato A alla presente relazione.

8.6.2 Verifiche agli SLE

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.
In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [*normalizzato a 1*]

rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare [*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti [*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [*mm*]
dR	massima deformazione in combinazioni rare
dF	massima deformazione in combinazioni frequenti
dP	massima deformazione in combinazioni quasi permanenti

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Lo stato limite di fessurazione è scelto in base condizioni ambientali, legate anche alla classe di esposizione del calcestruzzo.

CONDIZIONI AMBIENTALI	CLASSE DI ESPOSIZIONE
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	Aggressive	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Dove:

$w_1 = 0{,}2$ mm

$w_2 = 0{,}3$ mm

$w_3 = 0{,}4$ mm

In relazione alla tipologia di calcestruzzo si hanno infatti diverse condizioni ambientali:

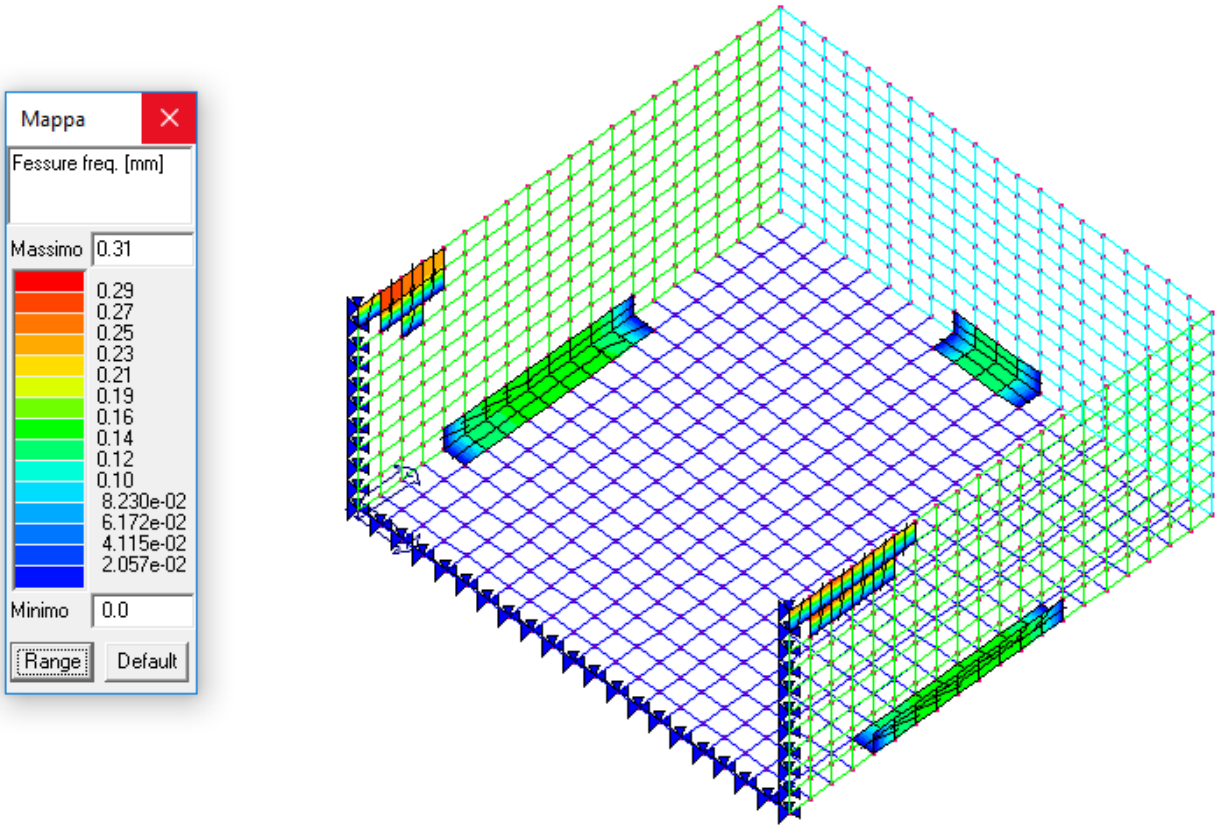


Figura 13: Fessure combinazione frequente.

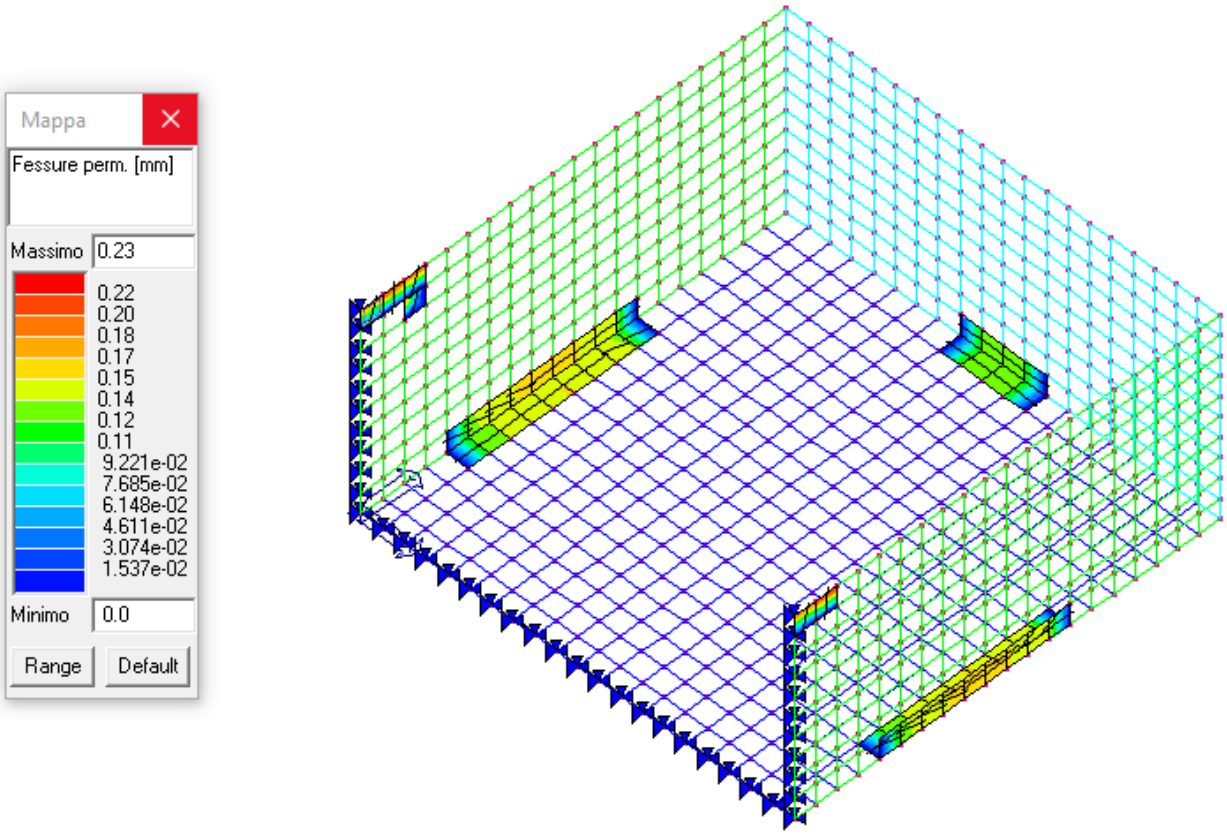


Figura 14: Fessure combinazione quasi permanente.

8.6.3 Verifica a galleggiamento

Per la stabilità al sollevamento deve risultare che il valore di progetto dell'azione instabilizzante $V_{inst,d}$, combinazione di azioni permanenti ($G_{inst,d}$), sia non maggiore della combinazione dei valori di progetto delle azioni stabilizzanti ($G_{stb,d}$) e delle resistenze (R_d):

$$V_{inst,d} \leq G_{stb,d} + R_d \qquad \text{dove} \quad V_{inst,d} = G_{inst,d}$$

I coefficienti parziali sulle azioni sono i seguenti:

	Effetto	Coefficiente Parziale γ_F (o γ_E)	Sollevamento (UPL)
Carichi permanenti G_1	Favorevole	γ_{G1}	0,9
	Sfavorevole		1,1
Carichi permanenti G_2[1]	Favorevole	γ_{G2}	0,8
	Sfavorevole		1,5
Azioni variabili Q	Favorevole	γ_{Qi}	0,0
	Sfavorevole		1,5

[1] Per i carichi permanenti G2 si applica quanto indicato alla Tabella 2.6.I. Per la spinta delle terre si fa riferimento ai coefficienti γ_{G1}

Nel calcolo si assume anche il contributo stabilizzante dell'aderenza muro/terreno, assunta pari a 35 kPa.

	VERIFICA A GALLEGGIAMENTO							
γ_W =	10	kN/m^3	peso specifico volume d'acqua					
γ_{CLS} =	25	kN/m^3	peso specifico struttura in c.a.					
c_a =	35	kPa	aderenza muro in c.a./terreno					
h_W =	3,6	m	altezza del battente idraulico in fase di esercizio					
s_s =	0,4	m	spessore soletta inferiore					
$h_{diaf.}$ =	3,6	m	altezza muro verticale					
$s_{diaf.}$ =	0,4	m	spessore parete					
L =	49,7	m	perimetro vasca					
A=	124,125	m	superfice vasca					
P_s=	1241,25	kN	peso soletta					
$P_{diaf.}$=	1789,20	kN	peso pareti					
C_a =	6262,2	kN	Risultante aderenza muro/terreno					
Fw=	4468,5	kN	Sottospinta con battente in fase di esercizio					
$1,1 \cdot F_W$	≤	$0,9 \cdot P_{scat}$	+	$0,9 \cdot P_{diaf.}$	+	$0,9 \cdot Ca$		
4915,35	≤	1117,125	+	1610,28	+	5635,98	=	8363,385
[kN]		[kN]		[kN]		[kN]		[kN]

La verifica a galleggiamento risulta soddisfatta.

8.6.4 Verifica capacità portante terreno

Il calcolo del carico limite (portanza) del terreno nei confronti delle fondazioni superficiali è condotto con il metodo di Brinch Hansen in Approccio 2 (A1+M1+R3)

D.M. 14-01-2018 - CALCOLO DELLA CAPACITA' PORTANTE DELLE FONDAZIONI SUPERFICIALI CON BRINCH-HANSEN

Dati relativi al terreno			Fattori di capacità portante		Caratteristiche geometriche della fondazione e cai	
γ=	**19**	kN/m^3	N_c=	**20,71**	B=	**16**
γ'=	9	kN/m^3	N_q=	**10,7**	D=	**3,6**
c=	**0**	kPa	N_γ=	6,78	L=	**7,5**
ϕ=	**25**	°			q=	32,4
c_a=	**0**	kPa			H=	**0**
Falda=	**0**	m			V=	**2016**
Cuneo di rottura=	12,55748462	m				
γ_e=	2,444504155	kN/m^3			k=	0,225
					η=	**0**
			Gamma R	**2,3**	β=	**0**

Capacità portante **Approccio** **2**

R= 521 kPa
Rd= 227 kPa

Inserire i dati in blu nelle celle sotto e scegliere l'approccio 1 o 2

Dati terreno			A2+M2+R2 Dati per App.1 Comb. 1			A1+M1+R3 Dati per App.2
Peso specifico del terreno	19	kN/m^3	Peso specifico del terreno	19	kN/m^3	Peso specifico del terreno
Angolo di attrito	25	°	Angolo di attrito	20	°	Angolo di attrito
coesione efficace	0	kPa	coesione efficace	0	kPa	coesione efficace
			Profondità del piano di posa (valore medio)	3,6	m	Profondità del piano di posa (valore medio)
			Gamma R	1,8		Gamma R

Rd=227 kPa

L'azione sollecitante si determina dal modello FEM di ProSap con i coeff. di combinazione A1, la massima pressione scaricata è paria a

Ed=12 kPa

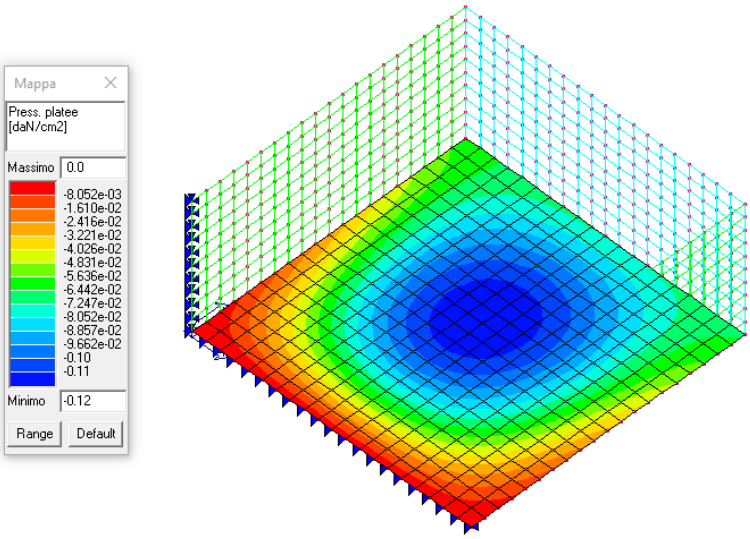


Figura 15: Pressioni max sul terreno in comb. SLU 4 A1

Ed<Rd **verifica soddisfatta**

ALLEGATO A:
OUTPUT DI CALCOLO AMPLIAMENTO VASCA



PRO_SAP

PROfessional **S**tructural **A**nalysis **P**rogram

Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

2S.I. Software e Servizi per l'Ingegneria S.r.l.

Via Garibaldi, 90

44121 Ferrara FE (Italy)

Tel. +39 0532 200091

www.2si.it

info@2si.it

D.M. 17/01/18 cap. 10.2 Affidabilità dei codici utilizzati

https://www.2si.it/it/prodotti/affidabilita/

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

Progetto

Contenuti della relazione:
RELAZIONE DI CALCOLO STRUTTURALE
- Origine e Caratteristiche dei Codici di Calcolo
- Affidabilità dei codici utilizzati
- Validazione dei codici
- Tipo di analisi svolta
- Modalità di presentazione dei risultati
- Informazioni generali sull'elaborazione
- Giudizio motivato di accettabilità dei risultati
STAMPA DEI DATI DI INGRESSO
- Normative prese a riferimento
- Criteri adottati per le misure di sicurezza
- Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconessioni
- Interazione tra terreno e struttura
- Legami costitutivi adottati per la modellazione dei materiali e dei terreni
- Schematizzazione delle azioni, condizioni e combinazioni di carico
- Metodologie numeriche utilizzate per l' analisi strutturale
-Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali
STAMPA DEI RISULTATI

Il Progettista:

31 marzo 2020

INTESTAZIONE E CONTENUTI DELLA RELAZIONE 3
Progetto 3
RELAZIONE DI CALCOLO STRUTTURALE 6
Premessa 6
Descrizione generale dell'opera 6
Quadro normativo di riferimento adottato 7
Azioni di progetto sulla costruzione 7
Modello numerico 8
Informazioni sul codice di calcolo 8
Modellazione delle azioni 10
Combinazioni e/o percorsi di carico 10
Verifiche agli stati limite ultimi 12
Verifiche agli stati limite di esercizio 12
RELAZIONE SUI MATERIALI 12
NORMATIVA DI RIFERIMENTO 13
CARATTERISTICHE MATERIALI UTILIZZATI 17
LEGENDA TABELLA DATI MATERIALI 17
MODELLAZIONE DELLE SEZIONI 23
LEGENDA TABELLA DATI SEZIONI 23
MODELLAZIONE STRUTTURA: NODI 25
LEGENDA TABELLA DATI NODI 25
TABELLA DATI NODI 25
MODELLAZIONE STRUTTURA: ELEMENTI SHELL 32
LEGENDA TABELLA DATI SHELL 32
MODELLAZIONE DELLE AZIONI 49
LEGENDA TABELLA DATI AZIONI 49
SCHEMATIZZAZIONE DEI CASI DI CARICO 52
LEGENDA TABELLA CASI DI CARICO 52
DEFINIZIONE DELLE COMBINAZIONI 59
LEGENDA TABELLA COMBINAZIONI DI CARICO 59
RISULTATI NODALI 61
LEGENDA RISULTATI NODALI 61

RISULTATI OPERE DI FONDAZIONE 219
LEGENDA RISULTATI OPERE DI FONDAZIONE 219
RISULTATI ELEMENTI TIPO SHELL 232
LEGENDA RISULTATI ELEMENTI TIPO SHELL 232
VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A. 284
LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A. 284
PROGETTAZIONE DELLE FONDAZIONI 286
STATI LIMITE D' ESERCIZIO 321
LEGENDA TABELLA STATI LIMITE D' ESERCIZIO 321

RELAZIONE DI CALCOLO STRUTTURALE

Premessa

La presente relazione di calcolo strutturale, in conformità al §10.1 del DM 17/01/18, è comprensiva di una descrizione generale dell'opera e dei criteri generali di analisi e verifica. Segue inoltre le indicazioni fornite al §10.2 del DM stesso per quanto concerne analisi e verifiche svolte con l'ausilio di codici di calcolo.

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le strutture, in relazione agli strumenti urbanistici, al progetto architettonico, al progetto delle componenti tecnologiche in generale ed alle prestazioni attese dalla struttura.

Completare

Descrizione generale dell'opera

Completare

Descrizione generale dell'opera	
Fabbricato ad uso	
Ubicazione	Comune di SANT'AGOSTINO (FE) (Regione EMILIA-ROMAGNA)
	Località SANT'AGOSTINO (FE)
	Longitudine 11.385, Latitudine 44.793
Numero di piani	Fuori terra
	Interrati
	le dimensioni dell'opera in pianta sono racchiuse in un rettangolo di
Numero vani scale	
Numero vani ascensore	
Tipo di fondazione	

Principali caratteristiche della struttura	
Struttura regolare in pianta	
Struttura regolare in altezza	
Classe di duttilità	
Travi: ricalate o in spessore	
Pilastri	
Pilastri in falso	
Tipo di fondazione	
Condizioni per cui è necessario considerare la componente verticale del sisma	

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]

I	50.0	0.7	35.0

Fattore di struttura/comportamento
Completare

Quadro normativo di riferimento adottato

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito.

Nel capitolo “normativa di riferimento” è comunque presente l’elenco completo delle normative disponibili.

Progetto-verifica degli elementi	
Progetto cemento armato	D.M. 17-01-2018
Progetto acciaio	D.M. 17-01-2018
Progetto legno	D.M. 17-01-2018
Progetto muratura	D.M. 17-01-2018
Azione sismica	
Norma applicata per l’ azione sismica	D.M. 17-01-2018

Azioni di progetto sulla costruzione

Nei capitoli “modellazione delle azioni” e “schematizzazione dei casi di carico” sono indicate le azioni sulla costruzioni.

Nel prosieguo si indicano tipo di analisi strutturale condotta (statico,dinamico, lineare o non lineare) e il metodo adottato per la risoluzione del problema strutturale nonché le metodologie seguite per la verifica o per il progetto-verifica delle sezioni. Si riportano le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti; le configurazioni studiate per la struttura in esame *sono risultate effettivamente esaustive per la progettazione-verifica.*

La verifica della sicurezza degli elementi strutturali avviene con i metodi della scienza delle costruzioni. L’analisi strutturale è condotta con il metodo degli spostamenti per la valutazione dello stato tensodeformativo indotto da carichi statici. L’analisi strutturale è condotta con il metodo dell’analisi modale e dello spettro di risposta in termini di accelerazione per la valutazione dello stato tensodeformativo indotto da carichi dinamici (tra cui quelli di tipo sismico).

L’analisi strutturale viene effettuata con il metodo degli elementi finiti. Il metodo sopraindicato si basa sulla schematizzazione della struttura in elementi connessi solo in corrispondenza di un numero prefissato di punti denominati nodi. I nodi sono definiti dalle tre coordinate cartesiane in un sistema di riferimento globale. Le incognite del problema (nell’ambito del metodo degli spostamenti) sono le componenti di spostamento dei nodi riferite al sistema di riferimento globale (traslazioni secondo X, Y, Z, rotazioni attorno X, Y, Z). La soluzione del problema si ottiene con un sistema di equazioni algebriche lineari i cui termini noti sono costituiti dai carichi agenti sulla struttura opportunamente concentrati ai nodi:

K * u = F dove **K** = matrice di rigidezza

u = vettore spostamenti nodali

F = vettore forze nodali

Dagli spostamenti ottenuti con la risoluzione del sistema vengono quindi dedotte le sollecitazioni e/o le tensioni di ogni elemento, riferite generalmente ad una terna locale all’elemento stesso.

Il sistema di riferimento utilizzato è costituito da una terna cartesiana destrorsa XYZ. Si assume l'asse Z verticale ed orientato verso l'alto.

Gli elementi utilizzati per la modellazione dello schema statico della struttura sono i seguenti:

Elemento tipo ***TRUSS*** (biella-D2)

Elemento tipo ***BEAM*** (trave-D2)

Elemento tipo ***MEMBRANE*** (membrana-D3)

Elemento tipo ***PLATE*** (piastra-guscio-D3)

Elemento tipo ***BOUNDARY*** (molla)

Elemento tipo ***STIFFNESS*** (matrice di rigidezza)

Elemento tipo ***BRICK*** (elemento solido)

Elemento tipo ***SOLAIO*** (macro elemento composto da più membrane)

Modello numerico

In questa parte viene descritto il modello numerico utilizzato (o i modelli numerici utilizzati) per l'analisi della struttura. La presentazione delle informazioni deve essere, coerentemente con le prescrizioni del paragrafo 10.2 e relativi sottoparagrafi delle NTC-18, tale da garantirne la leggibilità, la corretta interpretazione e la riproducibilità

Completare

Tipo di analisi strutturale	
Carichi verticali	SI
Statica non lineare	NO
Sismica statica lineare	SI
Sismica dinamica lineare	NO
Sismica statica non lineare (prop. masse)	NO
Sismica statica non lineare (prop. modo)	NO
Sismica statica non lineare (triangolare)	NO
Non linearità geometriche (fattore P delta)	NO

Di seguito si indicano l'origine e le caratteristiche dei codici di calcolo utilizzati riportando titolo, produttore e distributore, versione, estremi della licenza d'uso:

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2020-01-187)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara
Dati utente finale:	******* COMPLETARE *******
Codice Utente:	******* COMPLETARE *******
Codice Licenza:	Licenza dsi5670

Un attento esame preliminare della documentazione a corredo del software ***ha consentito di valutarne l'affidabilità e soprattutto l'idoneità al caso specifico***. La documentazione, fornita dal produttore e distributore del software, contiene una esauriente descrizione delle basi teoriche e degli algoritmi impiegati, l'individuazione dei campi d'impiego, nonché casi prova interamente risolti e commentati, corredati dei file di input necessari a riprodurre l'elaborazione:

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche. E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: https://www.2si.it/it/prodotti/affidabilita/

Modellazione della geometria e proprietà meccaniche:	
nodi	1051
elementi D2 (per aste, travi, pilastri…)	0
elementi D3 (per pareti, platee, gusci…)	1000
elementi solaio	0
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	0.00
Xmax =	850.00
Ymin =	0.00
Ymax =	835.00
Zmin =	0.00
Zmax =	400.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	NO
Pareti	SI
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	NO
Travi	NO
Gusci	NO
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	NO

Solai senza la proprietà piano rigido	NO
Tipo di vincoli:	
Nodi vincolati rigidamente	SI
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	NO
Fondazioni di tipo platea	SI
Fondazioni con elementi solidi	NO

Modellazione delle azioni

Si veda il capitolo **"Schematizzazione dei casi di carico"** per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte "*2.6. Azioni di progetto sulla costruzione*".

Combinazioni e/o percorsi di carico

Si veda il capitolo **"Definizione delle combinazioni"** in cui sono indicate le combinazioni di carico adottate e, nel caso di calcoli non lineari, i percorsi di carico seguiti.

Combinazioni dei casi di carico	
APPROCCIO PROGETTUALE	Approccio 2
Tensioni ammissibili	NO
SLU	SI
SLV (SLU con sisma)	SI
SLC	NO
SLD	SI
SLO	NO
SLU GEO A2 (per approccio 1)	NO
SLU EQU	NO
Combinazione caratteristica (rara)	NO
Combinazione frequente	SI
Combinazione quasi permanente (SLE)	SI
SLA (accidentale quale incendio)	NO

Principali risultati
I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di

analisi svolta.

Nella presente relazione di calcolo sono riportati i seguenti risultati che il progettista ritiene di interesse per la descrizione e la compresione del/i modello/i e del comportamento della struttura:

per l'analisi modale:

- periodi dei modi di vibrare della struttura
- masse eccitate dai singoli modi
- massa eccitata totale

deformate e sollecitazioni:

- spostamenti e rotazioni dei singoli nodi della struttura
- reazioni vincolari (nel caso siano presenti nodi vincolati rigidamente)
- pressioni sul terreno (nel caso siano presenti elementi di fondazione)
- sollecitazioni sugli elementi d2 nelle combinazioni di calcolo più significative
- tensioni sugli elementi d3 nelle combinazioni di calcolo più significative
- sollecitazioni sui macroelementi da elementi d3 nelle combinazioni di calcolo più significative

altri risultati significativi:

- *Completare*

La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e ed elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinazioni più significative (statisticamente più gravose per la struttura):

- configurazioni deformate
- diagrammi e inviluppi delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi:

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

Informazioni generali sull'elaborazione e giudizio motivato di accettabilità dei risultati.
Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l' elaborazione sia corretta e completa. I risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) . *Completare*

Verifiche agli stati limite ultimi

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLU vengono indicate, con riferimento alla normativa adottata, le modalità ed i criteri seguiti per valutare la sicurezza della struttura nei confronti delle possibili situazioni di crisi ed i risultati delle valutazioni svolte. In via generale, oltre alle verifiche di resistenza e di spostamento, devono essere prese in considerazione verifiche nei confronti dei fenomeni di instabilità, locale e globale, di fatica, di duttilità, di degrado.

Verifiche agli stati limite di esercizio

Nel capitolo relativo alla progettazione degli elementi strutturali agli SLE vengono indicate, con riferimento alla normativa adottata, le modalità seguite per valutare l'affidabilità della struttura nei confronti delle possibili situazioni di perdita di funzionalità (per eccessive deformazioni, fessurazioni, vibrazioni, etc.) ed i risultati delle valutazioni svolte.

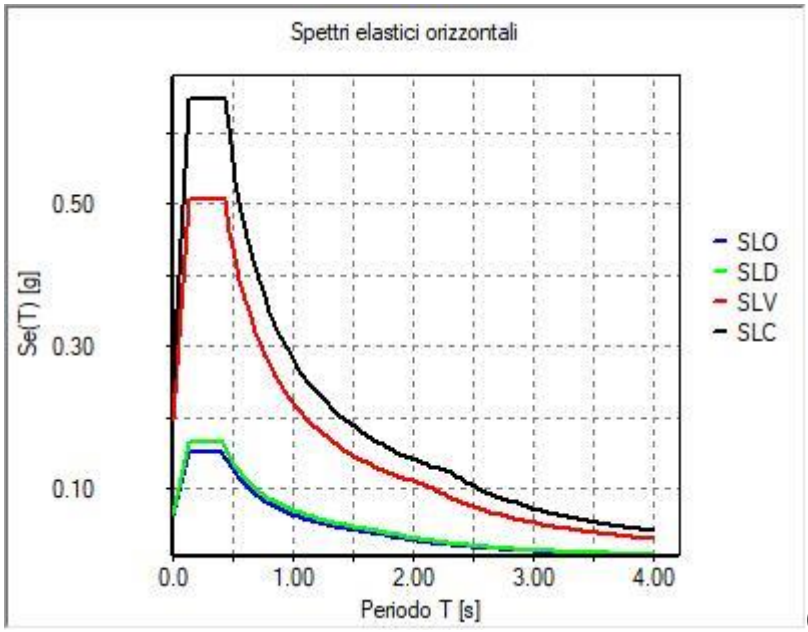
RELAZIONE SUI MATERIALI

Il capitolo Materiali riportata informazioni esaustive relative all'elenco dei materiali impiegati e loro modalità di posa in opera e ai valori di calcolo.

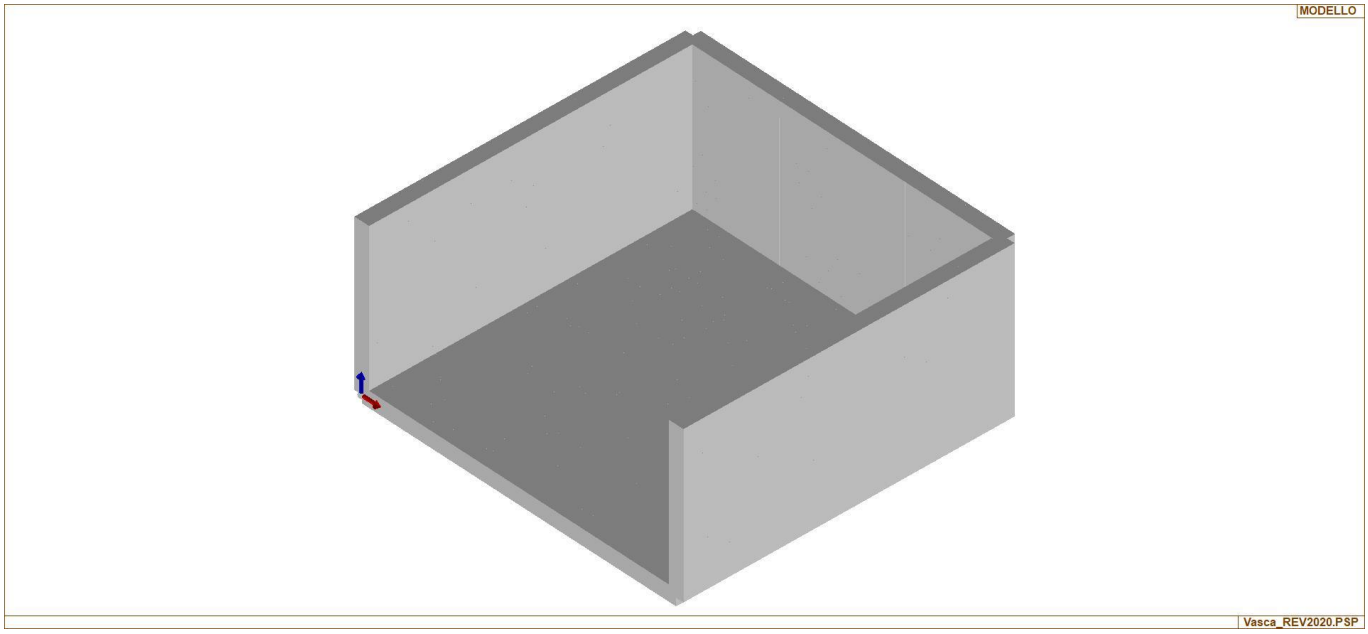
NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
4. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
6. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
7. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
8. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
9. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
10. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
11. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
12. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
13. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
14. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni.
15. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
16. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesi per unità di volume, pesi propri e sovraccarichi per gli edifici.
17. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
18. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
19. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali – Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

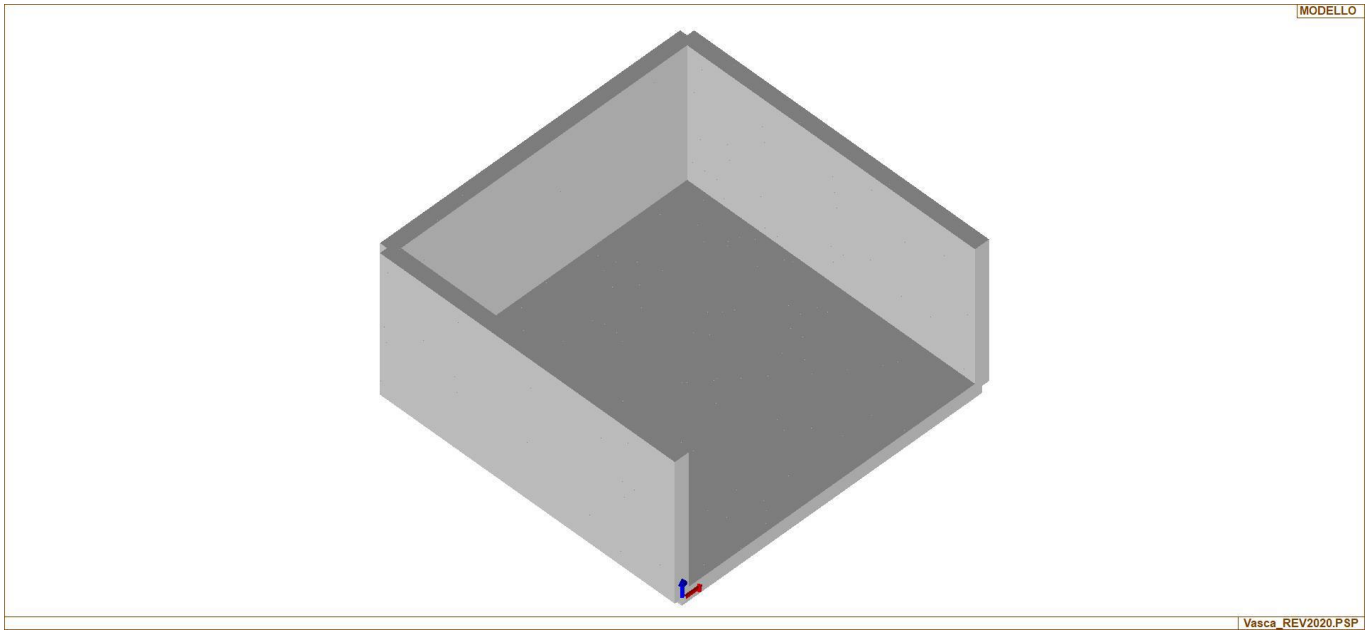
NOTA il capitolo "normativa di riferimento": riporta l' elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO". Laddove nei capitoli successivi vengano richiamate norme antecedenti al DM 17.01.18 è dovuto o a progettazione simulata di edifico esistente.



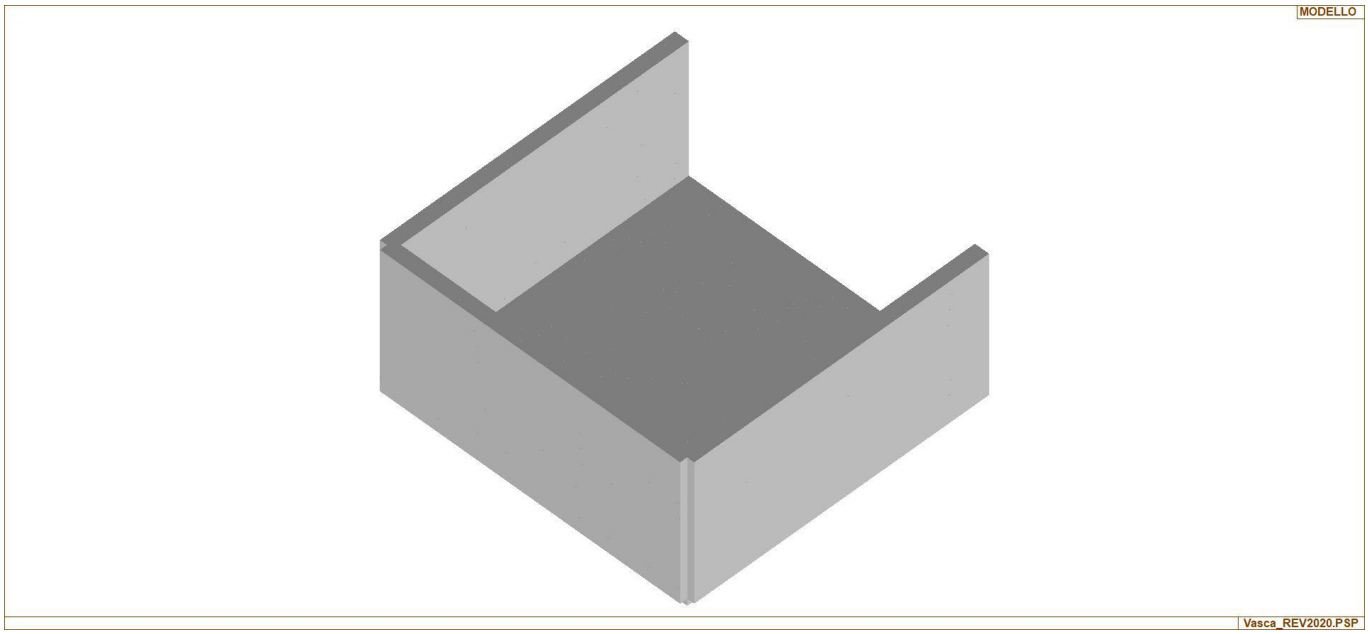
01_INT_SPETTRI_ELASTICI_O



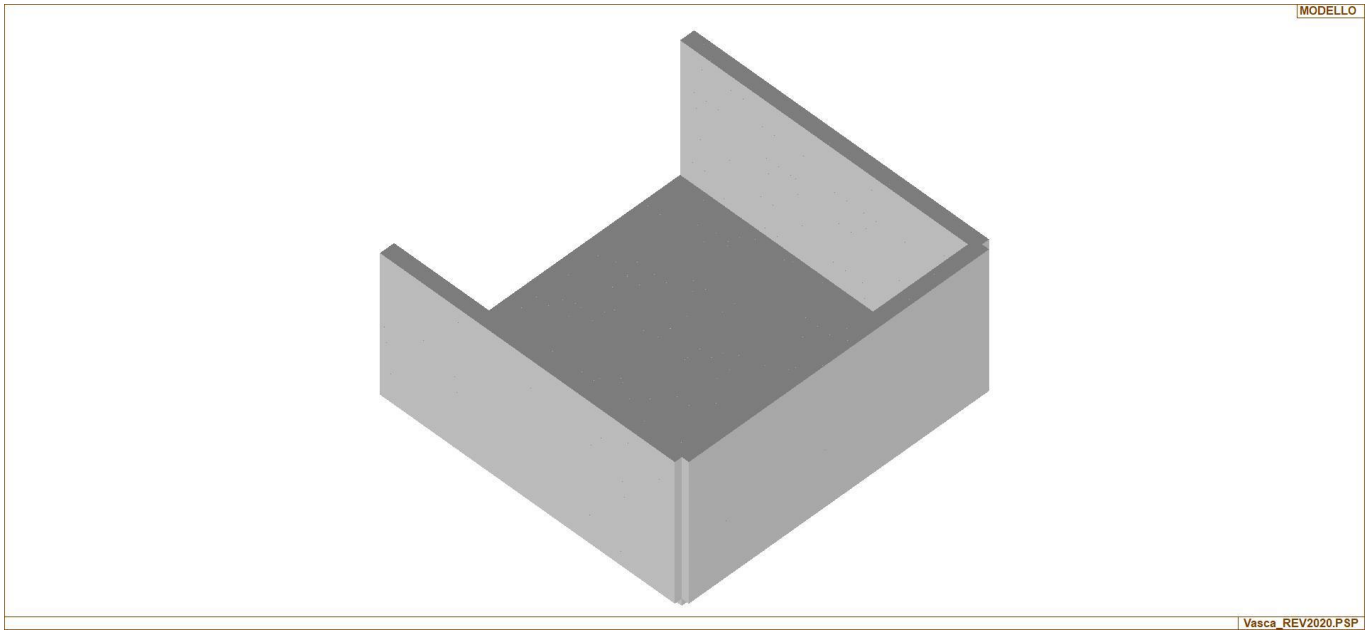
01_INT_VISTA_SOLIDA_001



01_INT_VISTA_SOLIDA_002



01_INT_VISTA_SOLIDA_003



01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Il programma consente l'uso di materiali diversi. Sono previsti i seguenti tipi di materiale:

1	materiale tipo cemento armato
2	materiale tipo acciaio
3	materiale tipo muratura
4	materiale tipo legno
5	materiale tipo generico

I materiali utilizzati nella modellazione sono individuati da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni materiale vengono riportati in tabella i seguenti dati:

Young	modulo di elasticità normale E
Poisson	coefficiente di contrazione trasversale ni
G	modulo di elasticità tangenziale
Gamma	peso specifico
Alfa	coefficiente di dilatazione termica
Fattore di confidenza FC m	Fattore di confidenza specifico per materiale; (è riportato solo se diverso da quello globale della struttura)
Fattore di confidenza FC a	Fattore di confidenza specifico per l'armatura (è riportato solo se diverso da quello globale della struttura)
Elasto-plastico	Materiale elastico perfettamente plastico per aste non lineari
Massima compressione	Massima tensione di compressione per aste non lineari
Massima trazione	Massima tensione di trazione per aste non lineari
Fattore attrito	Coefficinete di attrito per aste non lineari
Rapporto HRDb	Rapporto di hardening a flessione
Rapporto HRDv	Rapporto di hardening a taglio

I dati soprariportati vengono utilizzati per la modellazione dello schema statico e per la determinazione dei carichi inerziali e termici. In relazione al tipo di materiale vengono riportati inoltre:

1	cemento armato		
		Resistenza Rc	resistenza a cmpressione cubica
		Resistenza fctm	resistenza media a trazione semplice
		Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio		
		Tensione ft	Valore della tensione di rottura
		Tensione fy	Valore della tensione di snervamento
		Resistenza fd	Resistenza di calcolo per SL CNR-UNI 10011
		Resistenza fd (>40)	Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm
		Tensione ammissibile	Tensione ammissibile CNR-UNI 10011
		Tensione ammissibile (>40)	Tensione ammissibile CNR-UNI 10011 per spessori > 40mm
3	muratura		
		Muratura consolidata	Muratura per la quale si prevedono interventi di rinforzo"
		Incremento resistenza	Incremento conseguito in termini di resistenza
		Incremento rigidezza	Incremento conseguito in termini di rigidezza

	Resistenza f	Valore della resistenza a compressione
	Resistenza fv0	Valore della resistenza a taglio in assenza di tensioni normali
	Resistenza fh	Valore della resistenza a compressione orizzontale
	Resistenza fb	Valore della resistenza a compressione dei blocchi
	Resistenza fbh	Valore della resistenza a compressione dei blocchi in direzione orizzontale
	Resistenza fv0h	Valore della resistenza a taglio in assenza di tensioni normali per le travi
	Resistenza ft	Valore della resistenza a trazione per fessurazione diagonale
	Resistenza fvlim	Valore della massima resistenza a taglio
	Resistenza fbt	Valore della resistenza a trazione dei blocchi
	Coefficiente mu	Coefficiente d'attrito utilizzato per la resistenza a taglio (tipicamente 0.4)
	Coefficiente fi	Coefficiente d'ingranamento utilizzato per la resistenza a taglio
	Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
4 legno		
	E0,05	Modulo di elasticità corrispondente ad un frattile del 5%
	Resistenza fc0	Valore della resistenza a compressione parallela
	Resistenza ft0	Valore della resistenza a trazione parallela
	Resistenza fm	Valore della resistenza a flessione
	Resistenza fv	Valore della resistenza a taglio
	Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
	Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
	Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
	Modulo E0,05	Modulo elastico parallelo caratteristico
	Lamellare	lamellare o massiccio

Nel tabulato si riportano sia i valori caratteristici che medi utilizzando gli uni e/o gli altri in relazione alle richieste di normativa ed alla tipologia di verifica. (Cap.7 NTC18 per materiali nuovi, Cap.8 NTC18 e relativa circolare 21/01/2019 per materiali esistenti, Linee Guida Reluis per incamiciatura CAM, CNR-DT 200 per interventi con FRP)

Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Con riferimento al **Documento di Affidabilità** "Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Modellazione di strutture in c.a.

Test N°	Titolo
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.

43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.
47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
51	FATTORE DI STRUTTURA
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
54	PARETI IN C.A. SNELLE IN ZONA SISMICA
80	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
120	PROGETTO E VERIFICA DI TRAVI PREM

Modellazione di strutture in acciaio

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO
59	FATTORE DI STRUTTURA
60	ACCIAIO D.M.2008
61	ACCIAIO EC3
62	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA IRRIGIDIMENTI TRASVERSALI
74	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI UN PIATTO DI RINFORZO SALDATO ALL'ANIMA DELLA COLONNA
75	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI DUE PIATTI DI RINFORZO SALDATI ALL'ANIMA DELLA COLONNA
76	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A DUE VIE SU ALI COLONNA
77	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A UNA VIA CON DUE COMBINAZIONI DI CARICO
78	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO SU ANIMA SENZA RINFORZI A QUATTRO FILE DI BULLONI DI CUI UNA SU PIASTRA INFERIORE E UNA SU PIASTRA SUPERIORE
79	VERIFICA DELLA PIASTRA NODO TRAVE COLONNA
85	TELAIO ACCIAIO: CONTROVENTI CONCENTRICI

Modellazione di strutture in muratura

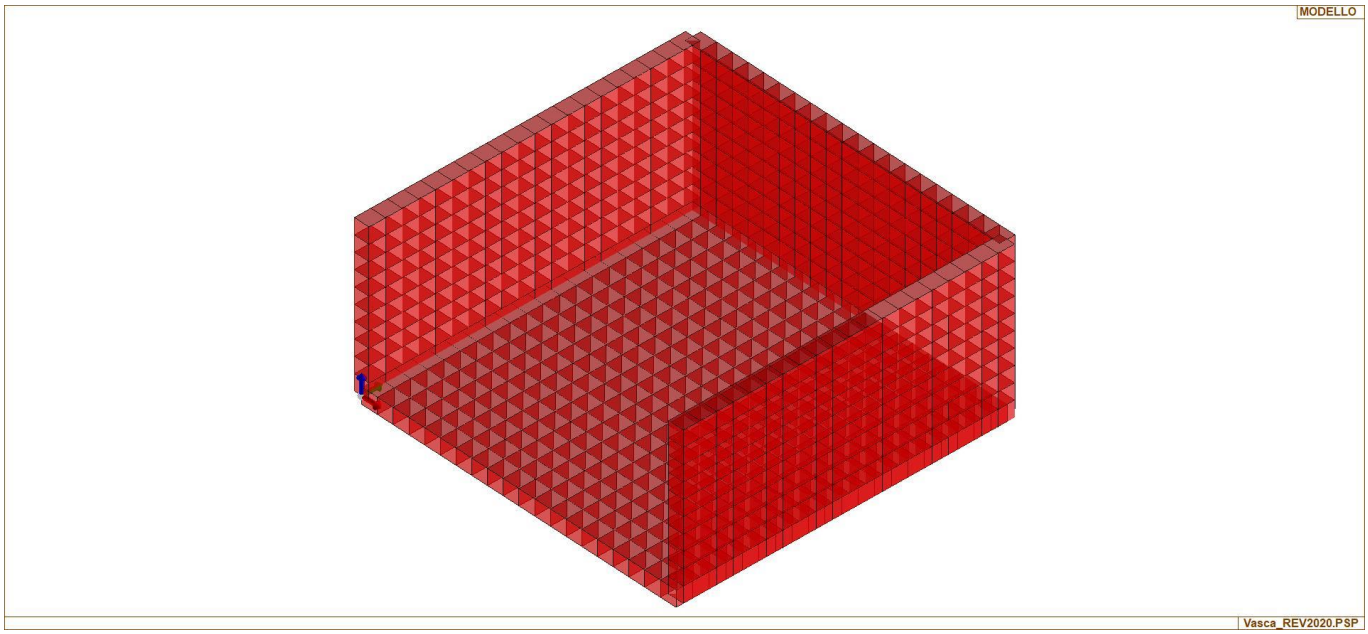
Test N°	Titolo
81	ANALISI PUSHOVER DI UNA STRUTTURA IN MURATURA
84	ANALISI ELASTO PLASTICA INCREMENTALE, PARETE IN MURATURA
86	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
87	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
88	FATTORE DI STRUTTURA

Modellazione di strutture in legno

Test N°	Titolo

17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
91	FATTORE DI STRUTTURA
92	VERIFICHE EC5
93	SNELLEZZE EC5
94	VERIFICA AL FUOCO DI STRUTTURE IN LEGNO SECONDO EC5
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI
119	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
1	c.a. classe 30			3.122e+05	0.12	1.394e+05	2.50e-03	1.00e-05	
	Resistenza Rc	300.0							
	Resistenza fctm		26.1						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11_MOD_MATERIALI_D3

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Singolo elemento NON DISSIPATIVO					
Armatura						
Inclinazione Av [gradi]	90.00					
Angolo Av-Ao [gradi]	90.00					
Minima tesa	0.25					
Massima tesa	4.00					
Maglia unica centrale	No					
Unico strato verticale	No					

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Unico strato orizzontale	No					
Copriferro [cm]	4.00					
Maglia V						
diametro	16					
passo	15					
diametro aggiuntivi	16					
Maglia O						
diametro	16					
passo	15					
diametro aggiuntivi	16					
Stati limite ultimi						
Tensione fy [daN/cm2]	4300.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Verifiche con N costante	Si					
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50					
Tensione amm. acciaio [daN/cm2]	2600.00					
Rapporto omogeneizzazione N	15.00					
Massimo rapporto area compressa/tesa	1.00					
Parete estesa debolmente armata						
Fattore amplificazione taglio V	1.50					
Hcrit. par. 7.4.4.5.1 [cm]	0.0					
Hcrit. par. 7.4.6.1.4 [cm]	0.0					
Diagramma inviluppo taglio	No					
Vincolo lati	nessun lato					
Verifica come fascia	No					
Diametro di estremità	0					
Zona confinata						
Minima tesa	1.00					
Massima tesa	4.00					
Distanza barre [cm]	2.00					
Interferro	2					
Armatura inclinata						
Area barre [cm2]	0.0					
Angolo orizzontale [gradi]	0.0					
Distanza di base [cm]	0.0					
Resistenza al fuoco						
3- intradosso	No					
3+ estradosso	No					
Tempo di esposizione R	15					

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Armatura						
Inclinazione Ax [gradi]	0.0					
Angolo Ax-Ay [gradi]	90.00					
Minima tesa	0.33					
Massima tesa	0.81					
Maglia unica centrale	No					
Copriferro [cm]	4.00					
Maglia x						
diametro	16					
passo	15					
diametro aggiuntivi	16					
Maglia y						
diametro	16					
passo	15					
diametro aggiuntivi	16					
Stati limite ultimi						
Tensione fy [daN/cm2]	4300.00					
Tipo acciaio	tipo C					
Coefficiente gamma s	1.15					
Coefficiente gamma c	1.50					
Verifiche con N costante	Si					
Applica SLU da DIN	No					
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50					
Tensione amm. acciaio [daN/cm2]	2600.00					
Rapporto omogeneizzazione N	15.00					

Gusci c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Massimo rapporto area compressa/tesa	1.00					
Resistenza al fuoco						
3- intradosso	No					
3+ estradosso	No					
Tempo di esposizione R	15					

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

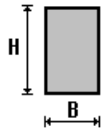
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

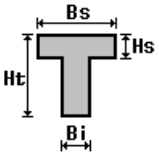
1. sezione di tipo generico
2. profilati semplici
3. profilati accoppiati e speciali

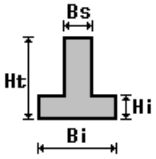
Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

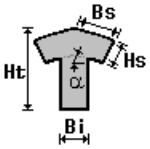
Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

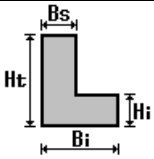
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

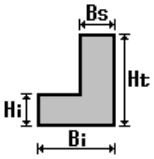
<table>
<tr>
<td>

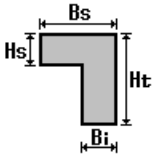
rettangolare</td>
<td>

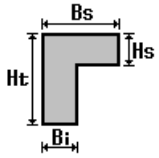
a T</td>
<td>

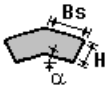
a T rovescia</td>
<td>

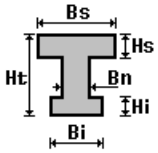
a T di colmo</td>
<td>

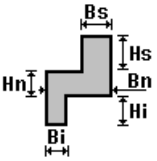
a L</td>
<td>

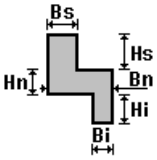
a L specchiata</td>
</tr>
<tr>
<td>

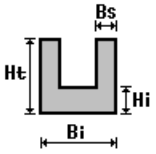
a L specchiata rovescia</td>
<td>

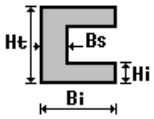
a L rovescia</td>
<td>

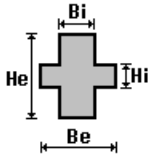
a L di colmo</td>
<td>

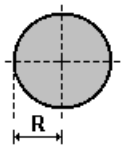
a doppio T</td>
<td>

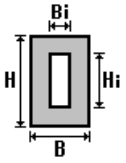
a quattro specchiata</td>
<td>

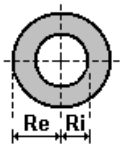
a quattro</td>
</tr>
<tr>
<td>

a U</td>
<td>

a C</td>
<td>

a croce</td>
<td>

circolare</td>
<td>

rettangolare cava</td>
<td>

circolare cava</td>
</tr>
</table>

Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilatari.

Per quanto concerne le sezioni di tipo generico (tipo 1.):
i valori dimensionali con prefisso B sono riferiti all'asse 2
i valori dimensionali con prefisso H sono riferiti all'asse 3

Con riferimento al Documento di Affidabilità "Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST" - versione Settembre 2014, disponibile per il download sul sito www.2si.it, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
1	CARATTERISTICHE GEOMETRICHE E INERZIALI
45	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
49	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
50	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
51	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
104	ANALISI DI RESISTENZA AL FUOCO

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.
Ogni nodo è individuato dalle coordinate cartesiane nel sistema di riferimento globale (X Y Z).
Ad ogni nodo è eventualmente associato un codice di vincolamento rigido, un codice di fondazione speciale, ed un set di sei molle (tre per le traslazioni, tre per le rotazioni). Le tabelle sottoriportate riflettono le succitate possibilità. In particolare per ogni nodo viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z

Per i nodi ai quali sia associato un codice di vincolamento rigido, un codice di fondazione speciale o un set di molle viene indicato in tabella:

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, il valore 0 indica che lo spostamento o rotazione relativo è libero).
Note	(FS = 1, 2,…) eventuale codice del tipo di fondazione speciale (1, 2,… fanno riferimento alle tipologie: plinto, palo, plinto su pali,…) che è collegato al nodo. (ISO = "id SIGLA") indice e sigla identificativa dell' eventuale isolatore sismico assegnato al nodo
Rig. TX	valore della rigidezza dei vincoli elastici eventualmente applicati al nodo, nello specifico TX (idem per TY, TZ, RX, RY, RZ).

Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 17/01/18

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
3	42.5	41.8	0.0	4	0.0	41.8	0.0	6	85.0	41.8	0.0
8	127.5	41.8	0.0	10	170.0	41.8	0.0	12	212.5	41.8	0.0
14	255.0	41.8	0.0	16	297.5	41.8	0.0	18	340.0	41.8	0.0
20	382.5	41.8	0.0	22	425.0	41.8	0.0	24	467.5	41.8	0.0
26	510.0	41.8	0.0	28	552.5	41.8	0.0	30	595.0	41.8	0.0
32	637.5	41.8	0.0	34	680.0	41.8	0.0	36	722.5	41.8	0.0
38	765.0	41.8	0.0	40	807.5	41.8	0.0	42	850.0	41.8	0.0
43	42.5	83.5	0.0	44	0.0	83.5	0.0	45	85.0	83.5	0.0
46	127.5	83.5	0.0	47	170.0	83.5	0.0	48	212.5	83.5	0.0
49	255.0	83.5	0.0	50	297.5	83.5	0.0	51	340.0	83.5	0.0
52	382.5	83.5	0.0	53	425.0	83.5	0.0	54	467.5	83.5	0.0
55	510.0	83.5	0.0	56	552.5	83.5	0.0	57	595.0	83.5	0.0
58	637.5	83.5	0.0	59	680.0	83.5	0.0	60	722.5	83.5	0.0
61	765.0	83.5	0.0	62	807.5	83.5	0.0	63	850.0	83.5	0.0
64	42.5	125.3	0.0	65	0.0	125.3	0.0	66	85.0	125.3	0.0
67	127.5	125.3	0.0	68	170.0	125.3	0.0	69	212.5	125.3	0.0
70	255.0	125.3	0.0	71	297.5	125.3	0.0	72	340.0	125.3	0.0
73	382.5	125.3	0.0	74	425.0	125.3	0.0	75	467.5	125.3	0.0
76	510.0	125.3	0.0	77	552.5	125.3	0.0	78	595.0	125.3	0.0
79	637.5	125.3	0.0	80	680.0	125.3	0.0	81	722.5	125.3	0.0
82	765.0	125.3	0.0	83	807.5	125.3	0.0	84	850.0	125.3	0.0
85	42.5	167.0	0.0	86	0.0	167.0	0.0	87	85.0	167.0	0.0
88	127.5	167.0	0.0	89	170.0	167.0	0.0	90	212.5	167.0	0.0
91	255.0	167.0	0.0	92	297.5	167.0	0.0	93	340.0	167.0	0.0
94	382.5	167.0	0.0	95	425.0	167.0	0.0	96	467.5	167.0	0.0
97	510.0	167.0	0.0	98	552.5	167.0	0.0	99	595.0	167.0	0.0
100	637.5	167.0	0.0	101	680.0	167.0	0.0	102	722.5	167.0	0.0
103	765.0	167.0	0.0	104	807.5	167.0	0.0	105	850.0	167.0	0.0
106	42.5	208.8	0.0	107	0.0	208.8	0.0	108	85.0	208.8	0.0
109	127.5	208.8	0.0	110	170.0	208.8	0.0	111	212.5	208.8	0.0
112	255.0	208.8	0.0	113	297.5	208.8	0.0	114	340.0	208.8	0.0
115	382.5	208.8	0.0	116	425.0	208.8	0.0	117	467.5	208.8	0.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
118	510.0	208.8	0.0	119	552.5	208.8	0.0	120	595.0	208.8	0.0
121	637.5	208.8	0.0	122	680.0	208.8	0.0	123	722.5	208.8	0.0
124	765.0	208.8	0.0	125	807.5	208.8	0.0	126	850.0	208.8	0.0
127	42.5	250.5	0.0	128	0.0	250.5	0.0	129	85.0	250.5	0.0
130	127.5	250.5	0.0	131	170.0	250.5	0.0	132	212.5	250.5	0.0
133	255.0	250.5	0.0	134	297.5	250.5	0.0	135	340.0	250.5	0.0
136	382.5	250.5	0.0	137	425.0	250.5	0.0	138	467.5	250.5	0.0
139	510.0	250.5	0.0	140	552.5	250.5	0.0	141	595.0	250.5	0.0
142	637.5	250.5	0.0	143	680.0	250.5	0.0	144	722.5	250.5	0.0
145	765.0	250.5	0.0	146	807.5	250.5	0.0	147	850.0	250.5	0.0
148	42.5	292.3	0.0	149	0.0	292.3	0.0	150	85.0	292.3	0.0
151	127.5	292.3	0.0	152	170.0	292.3	0.0	153	212.5	292.3	0.0
154	255.0	292.3	0.0	155	297.5	292.3	0.0	156	340.0	292.3	0.0
157	382.5	292.3	0.0	158	425.0	292.3	0.0	159	467.5	292.3	0.0
160	510.0	292.3	0.0	161	552.5	292.3	0.0	162	595.0	292.3	0.0
163	637.5	292.3	0.0	164	680.0	292.3	0.0	165	722.5	292.3	0.0
166	765.0	292.3	0.0	167	807.5	292.3	0.0	168	850.0	292.3	0.0
169	42.5	334.0	0.0	170	0.0	334.0	0.0	171	85.0	334.0	0.0
172	127.5	334.0	0.0	173	170.0	334.0	0.0	174	212.5	334.0	0.0
175	255.0	334.0	0.0	176	297.5	334.0	0.0	177	340.0	334.0	0.0
178	382.5	334.0	0.0	179	425.0	334.0	0.0	180	467.5	334.0	0.0
181	510.0	334.0	0.0	182	552.5	334.0	0.0	183	595.0	334.0	0.0
184	637.5	334.0	0.0	185	680.0	334.0	0.0	186	722.5	334.0	0.0
187	765.0	334.0	0.0	188	807.5	334.0	0.0	189	850.0	334.0	0.0
190	42.5	375.8	0.0	191	0.0	375.8	0.0	192	85.0	375.8	0.0
193	127.5	375.8	0.0	194	170.0	375.8	0.0	195	212.5	375.8	0.0
196	255.0	375.8	0.0	197	297.5	375.8	0.0	198	340.0	375.8	0.0
199	382.5	375.8	0.0	200	425.0	375.8	0.0	201	467.5	375.8	0.0
202	510.0	375.8	0.0	203	552.5	375.8	0.0	204	595.0	375.8	0.0
205	637.5	375.8	0.0	206	680.0	375.8	0.0	207	722.5	375.8	0.0
208	765.0	375.8	0.0	209	807.5	375.8	0.0	210	850.0	375.8	0.0
211	42.5	417.5	0.0	212	0.0	417.5	0.0	213	85.0	417.5	0.0
214	127.5	417.5	0.0	215	170.0	417.5	0.0	216	212.5	417.5	0.0
217	255.0	417.5	0.0	218	297.5	417.5	0.0	219	340.0	417.5	0.0
220	382.5	417.5	0.0	221	425.0	417.5	0.0	222	467.5	417.5	0.0
223	510.0	417.5	0.0	224	552.5	417.5	0.0	225	595.0	417.5	0.0
226	637.5	417.5	0.0	227	680.0	417.5	0.0	228	722.5	417.5	0.0
229	765.0	417.5	0.0	230	807.5	417.5	0.0	231	850.0	417.5	0.0
232	42.5	459.3	0.0	233	0.0	459.3	0.0	234	85.0	459.3	0.0
235	127.5	459.3	0.0	236	170.0	459.3	0.0	237	212.5	459.3	0.0
238	255.0	459.3	0.0	239	297.5	459.3	0.0	240	340.0	459.3	0.0
241	382.5	459.3	0.0	242	425.0	459.3	0.0	243	467.5	459.3	0.0
244	510.0	459.3	0.0	245	552.5	459.3	0.0	246	595.0	459.3	0.0
247	637.5	459.3	0.0	248	680.0	459.3	0.0	249	722.5	459.3	0.0
250	765.0	459.3	0.0	251	807.5	459.3	0.0	252	850.0	459.3	0.0
253	42.5	501.0	0.0	254	0.0	501.0	0.0	255	85.0	501.0	0.0
256	127.5	501.0	0.0	257	170.0	501.0	0.0	258	212.5	501.0	0.0
259	255.0	501.0	0.0	260	297.5	501.0	0.0	261	340.0	501.0	0.0
262	382.5	501.0	0.0	263	425.0	501.0	0.0	264	467.5	501.0	0.0
265	510.0	501.0	0.0	266	552.5	501.0	0.0	267	595.0	501.0	0.0
268	637.5	501.0	0.0	269	680.0	501.0	0.0	270	722.5	501.0	0.0
271	765.0	501.0	0.0	272	807.5	501.0	0.0	273	850.0	501.0	0.0
274	42.5	542.8	0.0	275	0.0	542.8	0.0	276	85.0	542.8	0.0
277	127.5	542.8	0.0	278	170.0	542.8	0.0	279	212.5	542.8	0.0
280	255.0	542.8	0.0	281	297.5	542.8	0.0	282	340.0	542.8	0.0
283	382.5	542.8	0.0	284	425.0	542.8	0.0	285	467.5	542.8	0.0
286	510.0	542.8	0.0	287	552.5	542.8	0.0	288	595.0	542.8	0.0
289	637.5	542.8	0.0	290	680.0	542.8	0.0	291	722.5	542.8	0.0
292	765.0	542.8	0.0	293	807.5	542.8	0.0	294	850.0	542.8	0.0
295	42.5	584.5	0.0	296	0.0	584.5	0.0	297	85.0	584.5	0.0
298	127.5	584.5	0.0	299	170.0	584.5	0.0	300	212.5	584.5	0.0
301	255.0	584.5	0.0	302	297.5	584.5	0.0	303	340.0	584.5	0.0
304	382.5	584.5	0.0	305	425.0	584.5	0.0	306	467.5	584.5	0.0
307	510.0	584.5	0.0	308	552.5	584.5	0.0	309	595.0	584.5	0.0
310	637.5	584.5	0.0	311	680.0	584.5	0.0	312	722.5	584.5	0.0
313	765.0	584.5	0.0	314	807.5	584.5	0.0	315	850.0	584.5	0.0
316	42.5	626.3	0.0	317	0.0	626.3	0.0	318	85.0	626.3	0.0
319	127.5	626.3	0.0	320	170.0	626.3	0.0	321	212.5	626.3	0.0
322	255.0	626.3	0.0	323	297.5	626.3	0.0	324	340.0	626.3	0.0
325	382.5	626.3	0.0	326	425.0	626.3	0.0	327	467.5	626.3	0.0
328	510.0	626.3	0.0	329	552.5	626.3	0.0	330	595.0	626.3	0.0
331	637.5	626.3	0.0	332	680.0	626.3	0.0	333	722.5	626.3	0.0
334	765.0	626.3	0.0	335	807.5	626.3	0.0	336	850.0	626.3	0.0
337	42.5	668.0	0.0	338	0.0	668.0	0.0	339	85.0	668.0	0.0

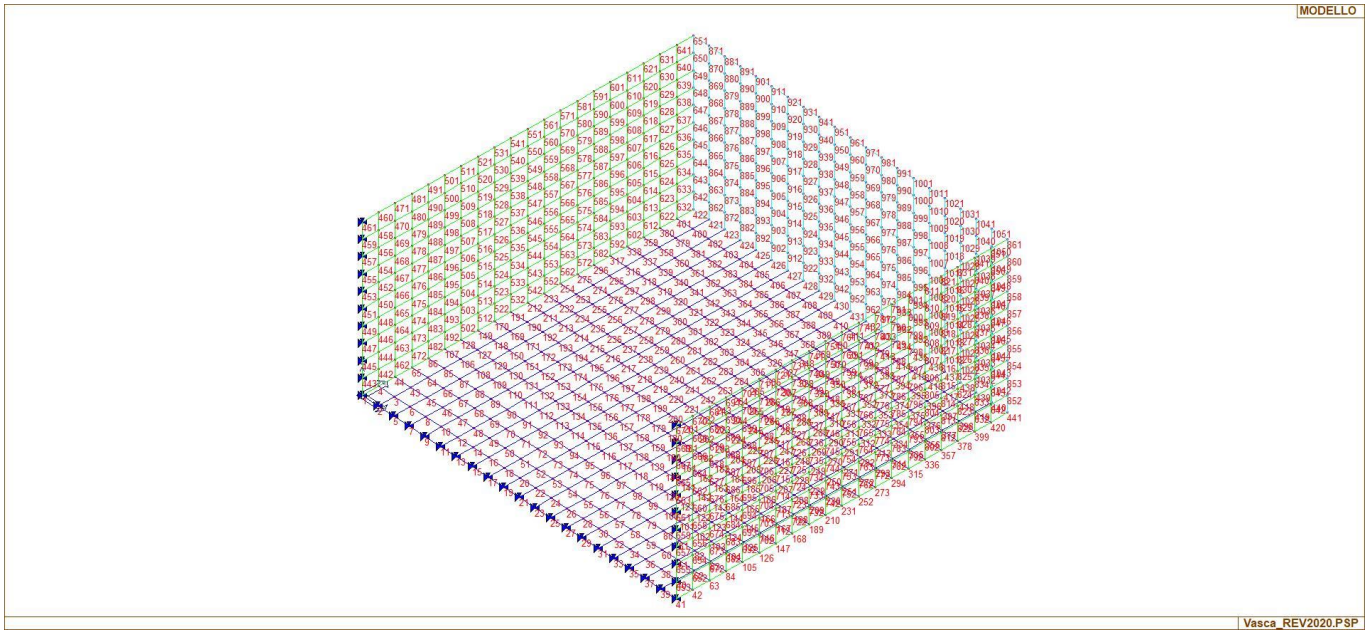
Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
340	127.5	668.0	0.0	341	170.0	668.0	0.0	342	212.5	668.0	0.0
343	255.0	668.0	0.0	344	297.5	668.0	0.0	345	340.0	668.0	0.0
346	382.5	668.0	0.0	347	425.0	668.0	0.0	348	467.5	668.0	0.0
349	510.0	668.0	0.0	350	552.5	668.0	0.0	351	595.0	668.0	0.0
352	637.5	668.0	0.0	353	680.0	668.0	0.0	354	722.5	668.0	0.0
355	765.0	668.0	0.0	356	807.5	668.0	0.0	357	850.0	668.0	0.0
358	42.5	709.8	0.0	359	0.0	709.8	0.0	360	85.0	709.8	0.0
361	127.5	709.8	0.0	362	170.0	709.8	0.0	363	212.5	709.8	0.0
364	255.0	709.8	0.0	365	297.5	709.8	0.0	366	340.0	709.8	0.0
367	382.5	709.8	0.0	368	425.0	709.8	0.0	369	467.5	709.8	0.0
370	510.0	709.8	0.0	371	552.5	709.8	0.0	372	595.0	709.8	0.0
373	637.5	709.8	0.0	374	680.0	709.8	0.0	375	722.5	709.8	0.0
376	765.0	709.8	0.0	377	807.5	709.8	0.0	378	850.0	709.8	0.0
379	42.5	751.5	0.0	380	0.0	751.5	0.0	381	85.0	751.5	0.0
382	127.5	751.5	0.0	383	170.0	751.5	0.0	384	212.5	751.5	0.0
385	255.0	751.5	0.0	386	297.5	751.5	0.0	387	340.0	751.5	0.0
388	382.5	751.5	0.0	389	425.0	751.5	0.0	390	467.5	751.5	0.0
391	510.0	751.5	0.0	392	552.5	751.5	0.0	393	595.0	751.5	0.0
394	637.5	751.5	0.0	395	680.0	751.5	0.0	396	722.5	751.5	0.0
397	765.0	751.5	0.0	398	807.5	751.5	0.0	399	850.0	751.5	0.0
400	42.5	793.3	0.0	401	0.0	793.3	0.0	402	85.0	793.3	0.0
403	127.5	793.3	0.0	404	170.0	793.3	0.0	405	212.5	793.3	0.0
406	255.0	793.3	0.0	407	297.5	793.3	0.0	408	340.0	793.3	0.0
409	382.5	793.3	0.0	410	425.0	793.3	0.0	411	467.5	793.3	0.0
412	510.0	793.3	0.0	413	552.5	793.3	0.0	414	595.0	793.3	0.0
415	637.5	793.3	0.0	416	680.0	793.3	0.0	417	722.5	793.3	0.0
418	765.0	793.3	0.0	419	807.5	793.3	0.0	420	850.0	793.3	0.0
421	42.5	835.0	0.0	422	0.0	835.0	0.0	423	85.0	835.0	0.0
424	127.5	835.0	0.0	425	170.0	835.0	0.0	426	212.5	835.0	0.0
427	255.0	835.0	0.0	428	297.5	835.0	0.0	429	340.0	835.0	0.0
430	382.5	835.0	0.0	431	425.0	835.0	0.0	432	467.5	835.0	0.0
433	510.0	835.0	0.0	434	552.5	835.0	0.0	435	595.0	835.0	0.0
436	637.5	835.0	0.0	437	680.0	835.0	0.0	438	722.5	835.0	0.0
439	765.0	835.0	0.0	440	807.5	835.0	0.0	441	850.0	835.0	0.0
442	0.0	41.8	40.0	444	0.0	41.8	80.0	446	0.0	41.8	120.0
448	0.0	41.8	160.0	450	0.0	41.8	200.0	452	0.0	41.8	240.0
454	0.0	41.8	280.0	456	0.0	41.8	320.0	458	0.0	41.8	360.0
460	0.0	41.8	400.0	462	0.0	83.5	40.0	463	0.0	83.5	80.0
464	0.0	83.5	120.0	465	0.0	83.5	160.0	466	0.0	83.5	200.0
467	0.0	83.5	240.0	468	0.0	83.5	280.0	469	0.0	83.5	320.0
470	0.0	83.5	360.0	471	0.0	83.5	400.0	472	0.0	125.3	40.0
473	0.0	125.3	80.0	474	0.0	125.3	120.0	475	0.0	125.3	160.0
476	0.0	125.3	200.0	477	0.0	125.3	240.0	478	0.0	125.3	280.0
479	0.0	125.3	320.0	480	0.0	125.3	360.0	481	0.0	125.3	400.0
482	0.0	167.0	40.0	483	0.0	167.0	80.0	484	0.0	167.0	120.0
485	0.0	167.0	160.0	486	0.0	167.0	200.0	487	0.0	167.0	240.0
488	0.0	167.0	280.0	489	0.0	167.0	320.0	490	0.0	167.0	360.0
491	0.0	167.0	400.0	492	0.0	208.8	40.0	493	0.0	208.8	80.0
494	0.0	208.8	120.0	495	0.0	208.8	160.0	496	0.0	208.8	200.0
497	0.0	208.8	240.0	498	0.0	208.8	280.0	499	0.0	208.8	320.0
500	0.0	208.8	360.0	501	0.0	208.8	400.0	502	0.0	250.5	40.0
503	0.0	250.5	80.0	504	0.0	250.5	120.0	505	0.0	250.5	160.0
506	0.0	250.5	200.0	507	0.0	250.5	240.0	508	0.0	250.5	280.0
509	0.0	250.5	320.0	510	0.0	250.5	360.0	511	0.0	250.5	400.0
512	0.0	292.3	40.0	513	0.0	292.3	80.0	514	0.0	292.3	120.0
515	0.0	292.3	160.0	516	0.0	292.3	200.0	517	0.0	292.3	240.0
518	0.0	292.3	280.0	519	0.0	292.3	320.0	520	0.0	292.3	360.0
521	0.0	292.3	400.0	522	0.0	334.0	40.0	523	0.0	334.0	80.0
524	0.0	334.0	120.0	525	0.0	334.0	160.0	526	0.0	334.0	200.0
527	0.0	334.0	240.0	528	0.0	334.0	280.0	529	0.0	334.0	320.0
530	0.0	334.0	360.0	531	0.0	334.0	400.0	532	0.0	375.8	40.0
533	0.0	375.8	80.0	534	0.0	375.8	120.0	535	0.0	375.8	160.0
536	0.0	375.8	200.0	537	0.0	375.8	240.0	538	0.0	375.8	280.0
539	0.0	375.8	320.0	540	0.0	375.8	360.0	541	0.0	375.8	400.0
542	0.0	417.5	40.0	543	0.0	417.5	80.0	544	0.0	417.5	120.0
545	0.0	417.5	160.0	546	0.0	417.5	200.0	547	0.0	417.5	240.0
548	0.0	417.5	280.0	549	0.0	417.5	320.0	550	0.0	417.5	360.0
551	0.0	417.5	400.0	552	0.0	459.3	40.0	553	0.0	459.3	80.0
554	0.0	459.3	120.0	555	0.0	459.3	160.0	556	0.0	459.3	200.0
557	0.0	459.3	240.0	558	0.0	459.3	280.0	559	0.0	459.3	320.0
560	0.0	459.3	360.0	561	0.0	459.3	400.0	562	0.0	501.0	40.0
563	0.0	501.0	80.0	564	0.0	501.0	120.0	565	0.0	501.0	160.0
566	0.0	501.0	200.0	567	0.0	501.0	240.0	568	0.0	501.0	280.0
569	0.0	501.0	320.0	570	0.0	501.0	360.0	571	0.0	501.0	400.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
572	0.0	542.8	40.0	573	0.0	542.8	80.0	574	0.0	542.8	120.0
575	0.0	542.8	160.0	576	0.0	542.8	200.0	577	0.0	542.8	240.0
578	0.0	542.8	280.0	579	0.0	542.8	320.0	580	0.0	542.8	360.0
581	0.0	542.8	400.0	582	0.0	584.5	40.0	583	0.0	584.5	80.0
584	0.0	584.5	120.0	585	0.0	584.5	160.0	586	0.0	584.5	200.0
587	0.0	584.5	240.0	588	0.0	584.5	280.0	589	0.0	584.5	320.0
590	0.0	584.5	360.0	591	0.0	584.5	400.0	592	0.0	626.3	40.0
593	0.0	626.3	80.0	594	0.0	626.3	120.0	595	0.0	626.3	160.0
596	0.0	626.3	200.0	597	0.0	626.3	240.0	598	0.0	626.3	280.0
599	0.0	626.3	320.0	600	0.0	626.3	360.0	601	0.0	626.3	400.0
602	0.0	668.0	40.0	603	0.0	668.0	80.0	604	0.0	668.0	120.0
605	0.0	668.0	160.0	606	0.0	668.0	200.0	607	0.0	668.0	240.0
608	0.0	668.0	280.0	609	0.0	668.0	320.0	610	0.0	668.0	360.0
611	0.0	668.0	400.0	612	0.0	709.8	40.0	613	0.0	709.8	80.0
614	0.0	709.8	120.0	615	0.0	709.8	160.0	616	0.0	709.8	200.0
617	0.0	709.8	240.0	618	0.0	709.8	280.0	619	0.0	709.8	320.0
620	0.0	709.8	360.0	621	0.0	709.8	400.0	622	0.0	751.5	40.0
623	0.0	751.5	80.0	624	0.0	751.5	120.0	625	0.0	751.5	160.0
626	0.0	751.5	200.0	627	0.0	751.5	240.0	628	0.0	751.5	280.0
629	0.0	751.5	320.0	630	0.0	751.5	360.0	631	0.0	751.5	400.0
632	0.0	793.3	40.0	633	0.0	793.3	80.0	634	0.0	793.3	120.0
635	0.0	793.3	160.0	636	0.0	793.3	200.0	637	0.0	793.3	240.0
638	0.0	793.3	280.0	639	0.0	793.3	320.0	640	0.0	793.3	360.0
641	0.0	793.3	400.0	642	0.0	835.0	40.0	643	0.0	835.0	80.0
644	0.0	835.0	120.0	645	0.0	835.0	160.0	646	0.0	835.0	200.0
647	0.0	835.0	240.0	648	0.0	835.0	280.0	649	0.0	835.0	320.0
650	0.0	835.0	360.0	651	0.0	835.0	400.0	652	850.0	41.8	40.0
654	850.0	41.8	80.0	656	850.0	41.8	120.0	658	850.0	41.8	160.0
660	850.0	41.8	200.0	662	850.0	41.8	240.0	664	850.0	41.8	280.0
666	850.0	41.8	320.0	668	850.0	41.8	360.0	670	850.0	41.8	400.0
672	850.0	83.5	40.0	673	850.0	83.5	80.0	674	850.0	83.5	120.0
675	850.0	83.5	160.0	676	850.0	83.5	200.0	677	850.0	83.5	240.0
678	850.0	83.5	280.0	679	850.0	83.5	320.0	680	850.0	83.5	360.0
681	850.0	83.5	400.0	682	850.0	125.3	40.0	683	850.0	125.3	80.0
684	850.0	125.3	120.0	685	850.0	125.3	160.0	686	850.0	125.3	200.0
687	850.0	125.3	240.0	688	850.0	125.3	280.0	689	850.0	125.3	320.0
690	850.0	125.3	360.0	691	850.0	125.3	400.0	692	850.0	167.0	40.0
693	850.0	167.0	80.0	694	850.0	167.0	120.0	695	850.0	167.0	160.0
696	850.0	167.0	200.0	697	850.0	167.0	240.0	698	850.0	167.0	280.0
699	850.0	167.0	320.0	700	850.0	167.0	360.0	701	850.0	167.0	400.0
702	850.0	208.8	40.0	703	850.0	208.8	80.0	704	850.0	208.8	120.0
705	850.0	208.8	160.0	706	850.0	208.8	200.0	707	850.0	208.8	240.0
708	850.0	208.8	280.0	709	850.0	208.8	320.0	710	850.0	208.8	360.0
711	850.0	208.8	400.0	712	850.0	250.5	40.0	713	850.0	250.5	80.0
714	850.0	250.5	120.0	715	850.0	250.5	160.0	716	850.0	250.5	200.0
717	850.0	250.5	240.0	718	850.0	250.5	280.0	719	850.0	250.5	320.0
720	850.0	250.5	360.0	721	850.0	250.5	400.0	722	850.0	292.3	40.0
723	850.0	292.3	80.0	724	850.0	292.3	120.0	725	850.0	292.3	160.0
726	850.0	292.3	200.0	727	850.0	292.3	240.0	728	850.0	292.3	280.0
729	850.0	292.3	320.0	730	850.0	292.3	360.0	731	850.0	292.3	400.0
732	850.0	334.0	40.0	733	850.0	334.0	80.0	734	850.0	334.0	120.0
735	850.0	334.0	160.0	736	850.0	334.0	200.0	737	850.0	334.0	240.0
738	850.0	334.0	280.0	739	850.0	334.0	320.0	740	850.0	334.0	360.0
741	850.0	334.0	400.0	742	850.0	375.8	40.0	743	850.0	375.8	80.0
744	850.0	375.8	120.0	745	850.0	375.8	160.0	746	850.0	375.8	200.0
747	850.0	375.8	240.0	748	850.0	375.8	280.0	749	850.0	375.8	320.0
750	850.0	375.8	360.0	751	850.0	375.8	400.0	752	850.0	417.5	40.0
753	850.0	417.5	80.0	754	850.0	417.5	120.0	755	850.0	417.5	160.0
756	850.0	417.5	200.0	757	850.0	417.5	240.0	758	850.0	417.5	280.0
759	850.0	417.5	320.0	760	850.0	417.5	360.0	761	850.0	417.5	400.0
762	850.0	459.3	40.0	763	850.0	459.3	80.0	764	850.0	459.3	120.0
765	850.0	459.3	160.0	766	850.0	459.3	200.0	767	850.0	459.3	240.0
768	850.0	459.3	280.0	769	850.0	459.3	320.0	770	850.0	459.3	360.0
771	850.0	459.3	400.0	772	850.0	501.0	40.0	773	850.0	501.0	80.0
774	850.0	501.0	120.0	775	850.0	501.0	160.0	776	850.0	501.0	200.0
777	850.0	501.0	240.0	778	850.0	501.0	280.0	779	850.0	501.0	320.0
780	850.0	501.0	360.0	781	850.0	501.0	400.0	782	850.0	542.8	40.0
783	850.0	542.8	80.0	784	850.0	542.8	120.0	785	850.0	542.8	160.0
786	850.0	542.8	200.0	787	850.0	542.8	240.0	788	850.0	542.8	280.0
789	850.0	542.8	320.0	790	850.0	542.8	360.0	791	850.0	542.8	400.0
792	850.0	584.5	40.0	793	850.0	584.5	80.0	794	850.0	584.5	120.0
795	850.0	584.5	160.0	796	850.0	584.5	200.0	797	850.0	584.5	240.0
798	850.0	584.5	280.0	799	850.0	584.5	320.0	800	850.0	584.5	360.0
801	850.0	584.5	400.0	802	850.0	626.3	40.0	803	850.0	626.3	80.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
804	850.0	626.3	120.0	805	850.0	626.3	160.0	806	850.0	626.3	200.0
807	850.0	626.3	240.0	808	850.0	626.3	280.0	809	850.0	626.3	320.0
810	850.0	626.3	360.0	811	850.0	626.3	400.0	812	850.0	668.0	40.0
813	850.0	668.0	80.0	814	850.0	668.0	120.0	815	850.0	668.0	160.0
816	850.0	668.0	200.0	817	850.0	668.0	240.0	818	850.0	668.0	280.0
819	850.0	668.0	320.0	820	850.0	668.0	360.0	821	850.0	668.0	400.0
822	850.0	709.8	40.0	823	850.0	709.8	80.0	824	850.0	709.8	120.0
825	850.0	709.8	160.0	826	850.0	709.8	200.0	827	850.0	709.8	240.0
828	850.0	709.8	280.0	829	850.0	709.8	320.0	830	850.0	709.8	360.0
831	850.0	709.8	400.0	832	850.0	751.5	40.0	833	850.0	751.5	80.0
834	850.0	751.5	120.0	835	850.0	751.5	160.0	836	850.0	751.5	200.0
837	850.0	751.5	240.0	838	850.0	751.5	280.0	839	850.0	751.5	320.0
840	850.0	751.5	360.0	841	850.0	751.5	400.0	842	850.0	793.3	40.0
843	850.0	793.3	80.0	844	850.0	793.3	120.0	845	850.0	793.3	160.0
846	850.0	793.3	200.0	847	850.0	793.3	240.0	848	850.0	793.3	280.0
849	850.0	793.3	320.0	850	850.0	793.3	360.0	851	850.0	793.3	400.0
852	850.0	835.0	40.0	853	850.0	835.0	80.0	854	850.0	835.0	120.0
855	850.0	835.0	160.0	856	850.0	835.0	200.0	857	850.0	835.0	240.0
858	850.0	835.0	280.0	859	850.0	835.0	320.0	860	850.0	835.0	360.0
861	850.0	835.0	400.0	862	42.5	835.0	40.0	863	42.5	835.0	80.0
864	42.5	835.0	120.0	865	42.5	835.0	160.0	866	42.5	835.0	200.0
867	42.5	835.0	240.0	868	42.5	835.0	280.0	869	42.5	835.0	320.0
870	42.5	835.0	360.0	871	42.5	835.0	400.0	872	85.0	835.0	40.0
873	85.0	835.0	80.0	874	85.0	835.0	120.0	875	85.0	835.0	160.0
876	85.0	835.0	200.0	877	85.0	835.0	240.0	878	85.0	835.0	280.0
879	85.0	835.0	320.0	880	85.0	835.0	360.0	881	85.0	835.0	400.0
882	127.5	835.0	40.0	883	127.5	835.0	80.0	884	127.5	835.0	120.0
885	127.5	835.0	160.0	886	127.5	835.0	200.0	887	127.5	835.0	240.0
888	127.5	835.0	280.0	889	127.5	835.0	320.0	890	127.5	835.0	360.0
891	127.5	835.0	400.0	892	170.0	835.0	40.0	893	170.0	835.0	80.0
894	170.0	835.0	120.0	895	170.0	835.0	160.0	896	170.0	835.0	200.0
897	170.0	835.0	240.0	898	170.0	835.0	280.0	899	170.0	835.0	320.0
900	170.0	835.0	360.0	901	170.0	835.0	400.0	902	212.5	835.0	40.0
903	212.5	835.0	80.0	904	212.5	835.0	120.0	905	212.5	835.0	160.0
906	212.5	835.0	200.0	907	212.5	835.0	240.0	908	212.5	835.0	280.0
909	212.5	835.0	320.0	910	212.5	835.0	360.0	911	212.5	835.0	400.0
912	255.0	835.0	40.0	913	255.0	835.0	80.0	914	255.0	835.0	120.0
915	255.0	835.0	160.0	916	255.0	835.0	200.0	917	255.0	835.0	240.0
918	255.0	835.0	280.0	919	255.0	835.0	320.0	920	255.0	835.0	360.0
921	255.0	835.0	400.0	922	297.5	835.0	40.0	923	297.5	835.0	80.0
924	297.5	835.0	120.0	925	297.5	835.0	160.0	926	297.5	835.0	200.0
927	297.5	835.0	240.0	928	297.5	835.0	280.0	929	297.5	835.0	320.0
930	297.5	835.0	360.0	931	297.5	835.0	400.0	932	340.0	835.0	40.0
933	340.0	835.0	80.0	934	340.0	835.0	120.0	935	340.0	835.0	160.0
936	340.0	835.0	200.0	937	340.0	835.0	240.0	938	340.0	835.0	280.0
939	340.0	835.0	320.0	940	340.0	835.0	360.0	941	340.0	835.0	400.0
942	382.5	835.0	40.0	943	382.5	835.0	80.0	944	382.5	835.0	120.0
945	382.5	835.0	160.0	946	382.5	835.0	200.0	947	382.5	835.0	240.0
948	382.5	835.0	280.0	949	382.5	835.0	320.0	950	382.5	835.0	360.0
951	382.5	835.0	400.0	952	425.0	835.0	40.0	953	425.0	835.0	80.0
954	425.0	835.0	120.0	955	425.0	835.0	160.0	956	425.0	835.0	200.0
957	425.0	835.0	240.0	958	425.0	835.0	280.0	959	425.0	835.0	320.0
960	425.0	835.0	360.0	961	425.0	835.0	400.0	962	467.5	835.0	40.0
963	467.5	835.0	80.0	964	467.5	835.0	120.0	965	467.5	835.0	160.0
966	467.5	835.0	200.0	967	467.5	835.0	240.0	968	467.5	835.0	280.0
969	467.5	835.0	320.0	970	467.5	835.0	360.0	971	467.5	835.0	400.0
972	510.0	835.0	40.0	973	510.0	835.0	80.0	974	510.0	835.0	120.0
975	510.0	835.0	160.0	976	510.0	835.0	200.0	977	510.0	835.0	240.0
978	510.0	835.0	280.0	979	510.0	835.0	320.0	980	510.0	835.0	360.0
981	510.0	835.0	400.0	982	552.5	835.0	40.0	983	552.5	835.0	80.0
984	552.5	835.0	120.0	985	552.5	835.0	160.0	986	552.5	835.0	200.0
987	552.5	835.0	240.0	988	552.5	835.0	280.0	989	552.5	835.0	320.0
990	552.5	835.0	360.0	991	552.5	835.0	400.0	992	595.0	835.0	40.0
993	595.0	835.0	80.0	994	595.0	835.0	120.0	995	595.0	835.0	160.0
996	595.0	835.0	200.0	997	595.0	835.0	240.0	998	595.0	835.0	280.0
999	595.0	835.0	320.0	1000	595.0	835.0	360.0	1001	595.0	835.0	400.0
1002	637.5	835.0	40.0	1003	637.5	835.0	80.0	1004	637.5	835.0	120.0
1005	637.5	835.0	160.0	1006	637.5	835.0	200.0	1007	637.5	835.0	240.0
1008	637.5	835.0	280.0	1009	637.5	835.0	320.0	1010	637.5	835.0	360.0
1011	637.5	835.0	400.0	1012	680.0	835.0	40.0	1013	680.0	835.0	80.0
1014	680.0	835.0	120.0	1015	680.0	835.0	160.0	1016	680.0	835.0	200.0
1017	680.0	835.0	240.0	1018	680.0	835.0	280.0	1019	680.0	835.0	320.0
1020	680.0	835.0	360.0	1021	680.0	835.0	400.0	1022	722.5	835.0	40.0
1023	722.5	835.0	80.0	1024	722.5	835.0	120.0	1025	722.5	835.0	160.0

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
1026	722.5	835.0	200.0	1027	722.5	835.0	240.0	1028	722.5	835.0	280.0
1029	722.5	835.0	320.0	1030	722.5	835.0	360.0	1031	722.5	835.0	400.0
1032	765.0	835.0	40.0	1033	765.0	835.0	80.0	1034	765.0	835.0	120.0
1035	765.0	835.0	160.0	1036	765.0	835.0	200.0	1037	765.0	835.0	240.0
1038	765.0	835.0	280.0	1039	765.0	835.0	320.0	1040	765.0	835.0	360.0
1041	765.0	835.0	400.0	1042	807.5	835.0	40.0	1043	807.5	835.0	80.0
1044	807.5	835.0	120.0	1045	807.5	835.0	160.0	1046	807.5	835.0	200.0
1047	807.5	835.0	240.0	1048	807.5	835.0	280.0	1049	807.5	835.0	320.0
1050	807.5	835.0	360.0	1051	807.5	835.0	400.0				

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	0.0	0.0	0.0	v=111000						
2	42.5	0.0	0.0	v=111000						
5	85.0	0.0	0.0	v=111000						
7	127.5	0.0	0.0	v=111000						
9	170.0	0.0	0.0	v=111000						
11	212.5	0.0	0.0	v=111000						
13	255.0	0.0	0.0	v=111000						
15	297.5	0.0	0.0	v=111000						
17	340.0	0.0	0.0	v=111000						
19	382.5	0.0	0.0	v=111000						
21	425.0	0.0	0.0	v=111000						
23	467.5	0.0	0.0	v=111000						
25	510.0	0.0	0.0	v=111000						
27	552.5	0.0	0.0	v=111000						
29	595.0	0.0	0.0	v=111000						
31	637.5	0.0	0.0	v=111000						
33	680.0	0.0	0.0	v=111000						
35	722.5	0.0	0.0	v=111000						
37	765.0	0.0	0.0	v=111000						
39	807.5	0.0	0.0	v=111000						
41	850.0	0.0	0.0	v=111000						
443	0.0	0.0	40.0	v=111000						
445	0.0	0.0	80.0	v=111000						
447	0.0	0.0	120.0	v=111000						
449	0.0	0.0	160.0	v=111000						
451	0.0	0.0	200.0	v=111000						
453	0.0	0.0	240.0	v=111000						
455	0.0	0.0	280.0	v=111000						
457	0.0	0.0	320.0	v=111000						
459	0.0	0.0	360.0	v=111000						
461	0.0	0.0	400.0	v=111000						
653	850.0	0.0	40.0	v=111000						
655	850.0	0.0	80.0	v=111000						
657	850.0	0.0	120.0	v=111000						
659	850.0	0.0	160.0	v=111000						
661	850.0	0.0	200.0	v=111000						
663	850.0	0.0	240.0	v=111000						
665	850.0	0.0	280.0	v=111000						
667	850.0	0.0	320.0	v=111000						
669	850.0	0.0	360.0	v=111000						
671	850.0	0.0	400.0	v=111000						

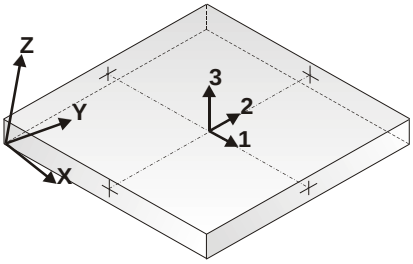


14_MOD_NUMERAZIONE_NODI

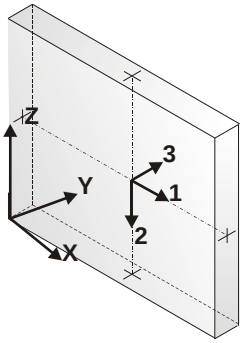
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.
Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 3D non verticali



orientamento elementi 3D verticali

In particolare per ogni elemento viene indicato in tabella:

Elem.	numero dell'elemento
Note	codice di comportamento: *Guscio* (elemento guscio in elevazione non verticale) *Guscio fond.* (elemento guscio su suolo elastico) *Setto* (elemento guscio in elevazione verticale) *Membrana* (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo I (J, K, L)
Mat.	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Wink V	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico verticale
Wink O	costante di sottofondo (coefficiente di Winkler) per la modellazione del suolo elastico orizzontale

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
8	MENSOLE CON ELEMENTI PLATE E MATERIALE ORTOTROPO
10	PIASTRA CON ELEMENTI PLATE E MATERIALE ORTOTROPO
21	DRILLING
25	TENSIONI DI ELEMENTI PLATE
31	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON PUNTI FISSI IMPORTATA DA FILE .DXF
32	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON SEGMENTI E FORI INTERNI IMPORTATA DA FILE .DXF
33	REALIZZAZIONE DI MESH PIANE SU GEOMETRIE COSTRUITE IN PRO_SAP
34	ANALISI DI BUCKLING DI PIASTRA ISOTROPA
35	ANALISI DI BUCKLING DI UN CILINDRO COMPRESSO INCASTRATO ALLA BASE
36	ANALISI DI PARETI FORATE
37	BIMETALLIC STRIP (NAFEMS EXERCISE 6)
38	ANALISI ELASTICA DI PIASTRA CON INTAGLIO CIRCOLARE (FLAT BAR WITH EDGE NOTCHES-NAFEMS EXERCISE 9)
39	PLATEA NERVATA
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
							cm		daN/cm3	daN/cm3
1	Guscio fond.	1	2	3	4	1	40.0		0.70	1.00
2	Guscio fond.	2	5	6	3	1	40.0		0.70	1.00
3	Guscio fond.	5	7	8	6	1	40.0		0.70	1.00
4	Guscio fond.	7	9	10	8	1	40.0		0.70	1.00
5	Guscio fond.	9	11	12	10	1	40.0		0.70	1.00
6	Guscio fond.	11	13	14	12	1	40.0		0.70	1.00
7	Guscio fond.	13	15	16	14	1	40.0		0.70	1.00
8	Guscio fond.	15	17	18	16	1	40.0		0.70	1.00
9	Guscio fond.	17	19	20	18	1	40.0		0.70	1.00
10	Guscio fond.	19	21	22	20	1	40.0		0.70	1.00
11	Guscio fond.	21	23	24	22	1	40.0		0.70	1.00
12	Guscio fond.	23	25	26	24	1	40.0		0.70	1.00

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
13	Guscio fond.	25	27	28	26	1	40.0		0.70	1.00
14	Guscio fond.	27	29	30	28	1	40.0		0.70	1.00
15	Guscio fond.	29	31	32	30	1	40.0		0.70	1.00
16	Guscio fond.	31	33	34	32	1	40.0		0.70	1.00
17	Guscio fond.	33	35	36	34	1	40.0		0.70	1.00
18	Guscio fond.	35	37	38	36	1	40.0		0.70	1.00
19	Guscio fond.	37	39	40	38	1	40.0		0.70	1.00
20	Guscio fond.	39	41	42	40	1	40.0		0.70	1.00
21	Guscio fond.	4	3	43	44	1	40.0		0.70	1.00
22	Guscio fond.	3	6	45	43	1	40.0		0.70	1.00
23	Guscio fond.	6	8	46	45	1	40.0		0.70	1.00
24	Guscio fond.	8	10	47	46	1	40.0		0.70	1.00
25	Guscio fond.	10	12	48	47	1	40.0		0.70	1.00
26	Guscio fond.	12	14	49	48	1	40.0		0.70	1.00
27	Guscio fond.	14	16	50	49	1	40.0		0.70	1.00
28	Guscio fond.	16	18	51	50	1	40.0		0.70	1.00
29	Guscio fond.	18	20	52	51	1	40.0		0.70	1.00
30	Guscio fond.	20	22	53	52	1	40.0		0.70	1.00
31	Guscio fond.	22	24	54	53	1	40.0		0.70	1.00
32	Guscio fond.	24	26	55	54	1	40.0		0.70	1.00
33	Guscio fond.	26	28	56	55	1	40.0		0.70	1.00
34	Guscio fond.	28	30	57	56	1	40.0		0.70	1.00
35	Guscio fond.	30	32	58	57	1	40.0		0.70	1.00
36	Guscio fond.	32	34	59	58	1	40.0		0.70	1.00
37	Guscio fond.	34	36	60	59	1	40.0		0.70	1.00
38	Guscio fond.	36	38	61	60	1	40.0		0.70	1.00
39	Guscio fond.	38	40	62	61	1	40.0		0.70	1.00
40	Guscio fond.	40	42	63	62	1	40.0		0.70	1.00
41	Guscio fond.	44	43	64	65	1	40.0		0.70	1.00
42	Guscio fond.	43	45	66	64	1	40.0		0.70	1.00
43	Guscio fond.	45	46	67	66	1	40.0		0.70	1.00
44	Guscio fond.	46	47	68	67	1	40.0		0.70	1.00
45	Guscio fond.	47	48	69	68	1	40.0		0.70	1.00
46	Guscio fond.	48	49	70	69	1	40.0		0.70	1.00
47	Guscio fond.	49	50	71	70	1	40.0		0.70	1.00
48	Guscio fond.	50	51	72	71	1	40.0		0.70	1.00
49	Guscio fond.	51	52	73	72	1	40.0		0.70	1.00
50	Guscio fond.	52	53	74	73	1	40.0		0.70	1.00
51	Guscio fond.	53	54	75	74	1	40.0		0.70	1.00
52	Guscio fond.	54	55	76	75	1	40.0		0.70	1.00
53	Guscio fond.	55	56	77	76	1	40.0		0.70	1.00
54	Guscio fond.	56	57	78	77	1	40.0		0.70	1.00
55	Guscio fond.	57	58	79	78	1	40.0		0.70	1.00
56	Guscio fond.	58	59	80	79	1	40.0		0.70	1.00
57	Guscio fond.	59	60	81	80	1	40.0		0.70	1.00
58	Guscio fond.	60	61	82	81	1	40.0		0.70	1.00
59	Guscio fond.	61	62	83	82	1	40.0		0.70	1.00
60	Guscio fond.	62	63	84	83	1	40.0		0.70	1.00
61	Guscio fond.	65	64	85	86	1	40.0		0.70	1.00
62	Guscio fond.	64	66	87	85	1	40.0		0.70	1.00
63	Guscio fond.	66	67	88	87	1	40.0		0.70	1.00
64	Guscio fond.	67	68	89	88	1	40.0		0.70	1.00
65	Guscio fond.	68	69	90	89	1	40.0		0.70	1.00
66	Guscio fond.	69	70	91	90	1	40.0		0.70	1.00
67	Guscio fond.	70	71	92	91	1	40.0		0.70	1.00
68	Guscio fond.	71	72	93	92	1	40.0		0.70	1.00
69	Guscio fond.	72	73	94	93	1	40.0		0.70	1.00
70	Guscio fond.	73	74	95	94	1	40.0		0.70	1.00
71	Guscio fond.	74	75	96	95	1	40.0		0.70	1.00
72	Guscio fond.	75	76	97	96	1	40.0		0.70	1.00
73	Guscio fond.	76	77	98	97	1	40.0		0.70	1.00
74	Guscio fond.	77	78	99	98	1	40.0		0.70	1.00
75	Guscio fond.	78	79	100	99	1	40.0		0.70	1.00
76	Guscio fond.	79	80	101	100	1	40.0		0.70	1.00
77	Guscio fond.	80	81	102	101	1	40.0		0.70	1.00
78	Guscio fond.	81	82	103	102	1	40.0		0.70	1.00
79	Guscio fond.	82	83	104	103	1	40.0		0.70	1.00
80	Guscio fond.	83	84	105	104	1	40.0		0.70	1.00
81	Guscio fond.	86	85	106	107	1	40.0		0.70	1.00
82	Guscio fond.	85	87	108	106	1	40.0		0.70	1.00
83	Guscio fond.	87	88	109	108	1	40.0		0.70	1.00
84	Guscio fond.	88	89	110	109	1	40.0		0.70	1.00
85	Guscio fond.	89	90	111	110	1	40.0		0.70	1.00
86	Guscio fond.	90	91	112	111	1	40.0		0.70	1.00

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
87	Guscio fond.	91	92	113	112	1	40.0		0.70	1.00
88	Guscio fond.	92	93	114	113	1	40.0		0.70	1.00
89	Guscio fond.	93	94	115	114	1	40.0		0.70	1.00
90	Guscio fond.	94	95	116	115	1	40.0		0.70	1.00
91	Guscio fond.	95	96	117	116	1	40.0		0.70	1.00
92	Guscio fond.	96	97	118	117	1	40.0		0.70	1.00
93	Guscio fond.	97	98	119	118	1	40.0		0.70	1.00
94	Guscio fond.	98	99	120	119	1	40.0		0.70	1.00
95	Guscio fond.	99	100	121	120	1	40.0		0.70	1.00
96	Guscio fond.	100	101	122	121	1	40.0		0.70	1.00
97	Guscio fond.	101	102	123	122	1	40.0		0.70	1.00
98	Guscio fond.	102	103	124	123	1	40.0		0.70	1.00
99	Guscio fond.	103	104	125	124	1	40.0		0.70	1.00
100	Guscio fond.	104	105	126	125	1	40.0		0.70	1.00
101	Guscio fond.	107	106	127	128	1	40.0		0.70	1.00
102	Guscio fond.	106	108	129	127	1	40.0		0.70	1.00
103	Guscio fond.	108	109	130	129	1	40.0		0.70	1.00
104	Guscio fond.	109	110	131	130	1	40.0		0.70	1.00
105	Guscio fond.	110	111	132	131	1	40.0		0.70	1.00
106	Guscio fond.	111	112	133	132	1	40.0		0.70	1.00
107	Guscio fond.	112	113	134	133	1	40.0		0.70	1.00
108	Guscio fond.	113	114	135	134	1	40.0		0.70	1.00
109	Guscio fond.	114	115	136	135	1	40.0		0.70	1.00
110	Guscio fond.	115	116	137	136	1	40.0		0.70	1.00
111	Guscio fond.	116	117	138	137	1	40.0		0.70	1.00
112	Guscio fond.	117	118	139	138	1	40.0		0.70	1.00
113	Guscio fond.	118	119	140	139	1	40.0		0.70	1.00
114	Guscio fond.	119	120	141	140	1	40.0		0.70	1.00
115	Guscio fond.	120	121	142	141	1	40.0		0.70	1.00
116	Guscio fond.	121	122	143	142	1	40.0		0.70	1.00
117	Guscio fond.	122	123	144	143	1	40.0		0.70	1.00
118	Guscio fond.	123	124	145	144	1	40.0		0.70	1.00
119	Guscio fond.	124	125	146	145	1	40.0		0.70	1.00
120	Guscio fond.	125	126	147	146	1	40.0		0.70	1.00
121	Guscio fond.	128	127	148	149	1	40.0		0.70	1.00
122	Guscio fond.	127	129	150	148	1	40.0		0.70	1.00
123	Guscio fond.	129	130	151	150	1	40.0		0.70	1.00
124	Guscio fond.	130	131	152	151	1	40.0		0.70	1.00
125	Guscio fond.	131	132	153	152	1	40.0		0.70	1.00
126	Guscio fond.	132	133	154	153	1	40.0		0.70	1.00
127	Guscio fond.	133	134	155	154	1	40.0		0.70	1.00
128	Guscio fond.	134	135	156	155	1	40.0		0.70	1.00
129	Guscio fond.	135	136	157	156	1	40.0		0.70	1.00
130	Guscio fond.	136	137	158	157	1	40.0		0.70	1.00
131	Guscio fond.	137	138	159	158	1	40.0		0.70	1.00
132	Guscio fond.	138	139	160	159	1	40.0		0.70	1.00
133	Guscio fond.	139	140	161	160	1	40.0		0.70	1.00
134	Guscio fond.	140	141	162	161	1	40.0		0.70	1.00
135	Guscio fond.	141	142	163	162	1	40.0		0.70	1.00
136	Guscio fond.	142	143	164	163	1	40.0		0.70	1.00
137	Guscio fond.	143	144	165	164	1	40.0		0.70	1.00
138	Guscio fond.	144	145	166	165	1	40.0		0.70	1.00
139	Guscio fond.	145	146	167	166	1	40.0		0.70	1.00
140	Guscio fond.	146	147	168	167	1	40.0		0.70	1.00
141	Guscio fond.	149	148	169	170	1	40.0		0.70	1.00
142	Guscio fond.	148	150	171	169	1	40.0		0.70	1.00
143	Guscio fond.	150	151	172	171	1	40.0		0.70	1.00
144	Guscio fond.	151	152	173	172	1	40.0		0.70	1.00
145	Guscio fond.	152	153	174	173	1	40.0		0.70	1.00
146	Guscio fond.	153	154	175	174	1	40.0		0.70	1.00
147	Guscio fond.	154	155	176	175	1	40.0		0.70	1.00
148	Guscio fond.	155	156	177	176	1	40.0		0.70	1.00
149	Guscio fond.	156	157	178	177	1	40.0		0.70	1.00
150	Guscio fond.	157	158	179	178	1	40.0		0.70	1.00
151	Guscio fond.	158	159	180	179	1	40.0		0.70	1.00
152	Guscio fond.	159	160	181	180	1	40.0		0.70	1.00
153	Guscio fond.	160	161	182	181	1	40.0		0.70	1.00
154	Guscio fond.	161	162	183	182	1	40.0		0.70	1.00
155	Guscio fond.	162	163	184	183	1	40.0		0.70	1.00
156	Guscio fond.	163	164	185	184	1	40.0		0.70	1.00
157	Guscio fond.	164	165	186	185	1	40.0		0.70	1.00
158	Guscio fond.	165	166	187	186	1	40.0		0.70	1.00
159	Guscio fond.	166	167	188	187	1	40.0		0.70	1.00
160	Guscio fond.	167	168	189	188	1	40.0		0.70	1.00

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
161	Guscio fond.	170	169	190	191	1	40.0		0.70	1.00
162	Guscio fond.	169	171	192	190	1	40.0		0.70	1.00
163	Guscio fond.	171	172	193	192	1	40.0		0.70	1.00
164	Guscio fond.	172	173	194	193	1	40.0		0.70	1.00
165	Guscio fond.	173	174	195	194	1	40.0		0.70	1.00
166	Guscio fond.	174	175	196	195	1	40.0		0.70	1.00
167	Guscio fond.	175	176	197	196	1	40.0		0.70	1.00
168	Guscio fond.	176	177	198	197	1	40.0		0.70	1.00
169	Guscio fond.	177	178	199	198	1	40.0		0.70	1.00
170	Guscio fond.	178	179	200	199	1	40.0		0.70	1.00
171	Guscio fond.	179	180	201	200	1	40.0		0.70	1.00
172	Guscio fond.	180	181	202	201	1	40.0		0.70	1.00
173	Guscio fond.	181	182	203	202	1	40.0		0.70	1.00
174	Guscio fond.	182	183	204	203	1	40.0		0.70	1.00
175	Guscio fond.	183	184	205	204	1	40.0		0.70	1.00
176	Guscio fond.	184	185	206	205	1	40.0		0.70	1.00
177	Guscio fond.	185	186	207	206	1	40.0		0.70	1.00
178	Guscio fond.	186	187	208	207	1	40.0		0.70	1.00
179	Guscio fond.	187	188	209	208	1	40.0		0.70	1.00
180	Guscio fond.	188	189	210	209	1	40.0		0.70	1.00
181	Guscio fond.	191	190	211	212	1	40.0		0.70	1.00
182	Guscio fond.	190	192	213	211	1	40.0		0.70	1.00
183	Guscio fond.	192	193	214	213	1	40.0		0.70	1.00
184	Guscio fond.	193	194	215	214	1	40.0		0.70	1.00
185	Guscio fond.	194	195	216	215	1	40.0		0.70	1.00
186	Guscio fond.	195	196	217	216	1	40.0		0.70	1.00
187	Guscio fond.	196	197	218	217	1	40.0		0.70	1.00
188	Guscio fond.	197	198	219	218	1	40.0		0.70	1.00
189	Guscio fond.	198	199	220	219	1	40.0		0.70	1.00
190	Guscio fond.	199	200	221	220	1	40.0		0.70	1.00
191	Guscio fond.	200	201	222	221	1	40.0		0.70	1.00
192	Guscio fond.	201	202	223	222	1	40.0		0.70	1.00
193	Guscio fond.	202	203	224	223	1	40.0		0.70	1.00
194	Guscio fond.	203	204	225	224	1	40.0		0.70	1.00
195	Guscio fond.	204	205	226	225	1	40.0		0.70	1.00
196	Guscio fond.	205	206	227	226	1	40.0		0.70	1.00
197	Guscio fond.	206	207	228	227	1	40.0		0.70	1.00
198	Guscio fond.	207	208	229	228	1	40.0		0.70	1.00
199	Guscio fond.	208	209	230	229	1	40.0		0.70	1.00
200	Guscio fond.	209	210	231	230	1	40.0		0.70	1.00
201	Guscio fond.	212	211	232	233	1	40.0		0.70	1.00
202	Guscio fond.	211	213	234	232	1	40.0		0.70	1.00
203	Guscio fond.	213	214	235	234	1	40.0		0.70	1.00
204	Guscio fond.	214	215	236	235	1	40.0		0.70	1.00
205	Guscio fond.	215	216	237	236	1	40.0		0.70	1.00
206	Guscio fond.	216	217	238	237	1	40.0		0.70	1.00
207	Guscio fond.	217	218	239	238	1	40.0		0.70	1.00
208	Guscio fond.	218	219	240	239	1	40.0		0.70	1.00
209	Guscio fond.	219	220	241	240	1	40.0		0.70	1.00
210	Guscio fond.	220	221	242	241	1	40.0		0.70	1.00
211	Guscio fond.	221	222	243	242	1	40.0		0.70	1.00
212	Guscio fond.	222	223	244	243	1	40.0		0.70	1.00
213	Guscio fond.	223	224	245	244	1	40.0		0.70	1.00
214	Guscio fond.	224	225	246	245	1	40.0		0.70	1.00
215	Guscio fond.	225	226	247	246	1	40.0		0.70	1.00
216	Guscio fond.	226	227	248	247	1	40.0		0.70	1.00
217	Guscio fond.	227	228	249	248	1	40.0		0.70	1.00
218	Guscio fond.	228	229	250	249	1	40.0		0.70	1.00
219	Guscio fond.	229	230	251	250	1	40.0		0.70	1.00
220	Guscio fond.	230	231	252	251	1	40.0		0.70	1.00
221	Guscio fond.	233	232	253	254	1	40.0		0.70	1.00
222	Guscio fond.	232	234	255	253	1	40.0		0.70	1.00
223	Guscio fond.	234	235	256	255	1	40.0		0.70	1.00
224	Guscio fond.	235	236	257	256	1	40.0		0.70	1.00
225	Guscio fond.	236	237	258	257	1	40.0		0.70	1.00
226	Guscio fond.	237	238	259	258	1	40.0		0.70	1.00
227	Guscio fond.	238	239	260	259	1	40.0		0.70	1.00
228	Guscio fond.	239	240	261	260	1	40.0		0.70	1.00
229	Guscio fond.	240	241	262	261	1	40.0		0.70	1.00
230	Guscio fond.	241	242	263	262	1	40.0		0.70	1.00
231	Guscio fond.	242	243	264	263	1	40.0		0.70	1.00
232	Guscio fond.	243	244	265	264	1	40.0		0.70	1.00
233	Guscio fond.	244	245	266	265	1	40.0		0.70	1.00
234	Guscio fond.	245	246	267	266	1	40.0		0.70	1.00

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
235	Guscio fond.	246	247	268	267	1	40.0		0.70	1.00
236	Guscio fond.	247	248	269	268	1	40.0		0.70	1.00
237	Guscio fond.	248	249	270	269	1	40.0		0.70	1.00
238	Guscio fond.	249	250	271	270	1	40.0		0.70	1.00
239	Guscio fond.	250	251	272	271	1	40.0		0.70	1.00
240	Guscio fond.	251	252	273	272	1	40.0		0.70	1.00
241	Guscio fond.	254	253	274	275	1	40.0		0.70	1.00
242	Guscio fond.	253	255	276	274	1	40.0		0.70	1.00
243	Guscio fond.	255	256	277	276	1	40.0		0.70	1.00
244	Guscio fond.	256	257	278	277	1	40.0		0.70	1.00
245	Guscio fond.	257	258	279	278	1	40.0		0.70	1.00
246	Guscio fond.	258	259	280	279	1	40.0		0.70	1.00
247	Guscio fond.	259	260	281	280	1	40.0		0.70	1.00
248	Guscio fond.	260	261	282	281	1	40.0		0.70	1.00
249	Guscio fond.	261	262	283	282	1	40.0		0.70	1.00
250	Guscio fond.	262	263	284	283	1	40.0		0.70	1.00
251	Guscio fond.	263	264	285	284	1	40.0		0.70	1.00
252	Guscio fond.	264	265	286	285	1	40.0		0.70	1.00
253	Guscio fond.	265	266	287	286	1	40.0		0.70	1.00
254	Guscio fond.	266	267	288	287	1	40.0		0.70	1.00
255	Guscio fond.	267	268	289	288	1	40.0		0.70	1.00
256	Guscio fond.	268	269	290	289	1	40.0		0.70	1.00
257	Guscio fond.	269	270	291	290	1	40.0		0.70	1.00
258	Guscio fond.	270	271	292	291	1	40.0		0.70	1.00
259	Guscio fond.	271	272	293	292	1	40.0		0.70	1.00
260	Guscio fond.	272	273	294	293	1	40.0		0.70	1.00
261	Guscio fond.	275	274	295	296	1	40.0		0.70	1.00
262	Guscio fond.	274	276	297	295	1	40.0		0.70	1.00
263	Guscio fond.	276	277	298	297	1	40.0		0.70	1.00
264	Guscio fond.	277	278	299	298	1	40.0		0.70	1.00
265	Guscio fond.	278	279	300	299	1	40.0		0.70	1.00
266	Guscio fond.	279	280	301	300	1	40.0		0.70	1.00
267	Guscio fond.	280	281	302	301	1	40.0		0.70	1.00
268	Guscio fond.	281	282	303	302	1	40.0		0.70	1.00
269	Guscio fond.	282	283	304	303	1	40.0		0.70	1.00
270	Guscio fond.	283	284	305	304	1	40.0		0.70	1.00
271	Guscio fond.	284	285	306	305	1	40.0		0.70	1.00
272	Guscio fond.	285	286	307	306	1	40.0		0.70	1.00
273	Guscio fond.	286	287	308	307	1	40.0		0.70	1.00
274	Guscio fond.	287	288	309	308	1	40.0		0.70	1.00
275	Guscio fond.	288	289	310	309	1	40.0		0.70	1.00
276	Guscio fond.	289	290	311	310	1	40.0		0.70	1.00
277	Guscio fond.	290	291	312	311	1	40.0		0.70	1.00
278	Guscio fond.	291	292	313	312	1	40.0		0.70	1.00
279	Guscio fond.	292	293	314	313	1	40.0		0.70	1.00
280	Guscio fond.	293	294	315	314	1	40.0		0.70	1.00
281	Guscio fond.	296	295	316	317	1	40.0		0.70	1.00
282	Guscio fond.	295	297	318	316	1	40.0		0.70	1.00
283	Guscio fond.	297	298	319	318	1	40.0		0.70	1.00
284	Guscio fond.	298	299	320	319	1	40.0		0.70	1.00
285	Guscio fond.	299	300	321	320	1	40.0		0.70	1.00
286	Guscio fond.	300	301	322	321	1	40.0		0.70	1.00
287	Guscio fond.	301	302	323	322	1	40.0		0.70	1.00
288	Guscio fond.	302	303	324	323	1	40.0		0.70	1.00
289	Guscio fond.	303	304	325	324	1	40.0		0.70	1.00
290	Guscio fond.	304	305	326	325	1	40.0		0.70	1.00
291	Guscio fond.	305	306	327	326	1	40.0		0.70	1.00
292	Guscio fond.	306	307	328	327	1	40.0		0.70	1.00
293	Guscio fond.	307	308	329	328	1	40.0		0.70	1.00
294	Guscio fond.	308	309	330	329	1	40.0		0.70	1.00
295	Guscio fond.	309	310	331	330	1	40.0		0.70	1.00
296	Guscio fond.	310	311	332	331	1	40.0		0.70	1.00
297	Guscio fond.	311	312	333	332	1	40.0		0.70	1.00
298	Guscio fond.	312	313	334	333	1	40.0		0.70	1.00
299	Guscio fond.	313	314	335	334	1	40.0		0.70	1.00
300	Guscio fond.	314	315	336	335	1	40.0		0.70	1.00
301	Guscio fond.	317	316	337	338	1	40.0		0.70	1.00
302	Guscio fond.	316	318	339	337	1	40.0		0.70	1.00
303	Guscio fond.	318	319	340	339	1	40.0		0.70	1.00
304	Guscio fond.	319	320	341	340	1	40.0		0.70	1.00
305	Guscio fond.	320	321	342	341	1	40.0		0.70	1.00
306	Guscio fond.	321	322	343	342	1	40.0		0.70	1.00
307	Guscio fond.	322	323	344	343	1	40.0		0.70	1.00
308	Guscio fond.	323	324	345	344	1	40.0		0.70	1.00

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
309	Guscio fond.	324	325	346	345	1	40.0		0.70	1.00
310	Guscio fond.	325	326	347	346	1	40.0		0.70	1.00
311	Guscio fond.	326	327	348	347	1	40.0		0.70	1.00
312	Guscio fond.	327	328	349	348	1	40.0		0.70	1.00
313	Guscio fond.	328	329	350	349	1	40.0		0.70	1.00
314	Guscio fond.	329	330	351	350	1	40.0		0.70	1.00
315	Guscio fond.	330	331	352	351	1	40.0		0.70	1.00
316	Guscio fond.	331	332	353	352	1	40.0		0.70	1.00
317	Guscio fond.	332	333	354	353	1	40.0		0.70	1.00
318	Guscio fond.	333	334	355	354	1	40.0		0.70	1.00
319	Guscio fond.	334	335	356	355	1	40.0		0.70	1.00
320	Guscio fond.	335	336	357	356	1	40.0		0.70	1.00
321	Guscio fond.	338	337	358	359	1	40.0		0.70	1.00
322	Guscio fond.	337	339	360	358	1	40.0		0.70	1.00
323	Guscio fond.	339	340	361	360	1	40.0		0.70	1.00
324	Guscio fond.	340	341	362	361	1	40.0		0.70	1.00
325	Guscio fond.	341	342	363	362	1	40.0		0.70	1.00
326	Guscio fond.	342	343	364	363	1	40.0		0.70	1.00
327	Guscio fond.	343	344	365	364	1	40.0		0.70	1.00
328	Guscio fond.	344	345	366	365	1	40.0		0.70	1.00
329	Guscio fond.	345	346	367	366	1	40.0		0.70	1.00
330	Guscio fond.	346	347	368	367	1	40.0		0.70	1.00
331	Guscio fond.	347	348	369	368	1	40.0		0.70	1.00
332	Guscio fond.	348	349	370	369	1	40.0		0.70	1.00
333	Guscio fond.	349	350	371	370	1	40.0		0.70	1.00
334	Guscio fond.	350	351	372	371	1	40.0		0.70	1.00
335	Guscio fond.	351	352	373	372	1	40.0		0.70	1.00
336	Guscio fond.	352	353	374	373	1	40.0		0.70	1.00
337	Guscio fond.	353	354	375	374	1	40.0		0.70	1.00
338	Guscio fond.	354	355	376	375	1	40.0		0.70	1.00
339	Guscio fond.	355	356	377	376	1	40.0		0.70	1.00
340	Guscio fond.	356	357	378	377	1	40.0		0.70	1.00
341	Guscio fond.	359	358	379	380	1	40.0		0.70	1.00
342	Guscio fond.	358	360	381	379	1	40.0		0.70	1.00
343	Guscio fond.	360	361	382	381	1	40.0		0.70	1.00
344	Guscio fond.	361	362	383	382	1	40.0		0.70	1.00
345	Guscio fond.	362	363	384	383	1	40.0		0.70	1.00
346	Guscio fond.	363	364	385	384	1	40.0		0.70	1.00
347	Guscio fond.	364	365	386	385	1	40.0		0.70	1.00
348	Guscio fond.	365	366	387	386	1	40.0		0.70	1.00
349	Guscio fond.	366	367	388	387	1	40.0		0.70	1.00
350	Guscio fond.	367	368	389	388	1	40.0		0.70	1.00
351	Guscio fond.	368	369	390	389	1	40.0		0.70	1.00
352	Guscio fond.	369	370	391	390	1	40.0		0.70	1.00
353	Guscio fond.	370	371	392	391	1	40.0		0.70	1.00
354	Guscio fond.	371	372	393	392	1	40.0		0.70	1.00
355	Guscio fond.	372	373	394	393	1	40.0		0.70	1.00
356	Guscio fond.	373	374	395	394	1	40.0		0.70	1.00
357	Guscio fond.	374	375	396	395	1	40.0		0.70	1.00
358	Guscio fond.	375	376	397	396	1	40.0		0.70	1.00
359	Guscio fond.	376	377	398	397	1	40.0		0.70	1.00
360	Guscio fond.	377	378	399	398	1	40.0		0.70	1.00
361	Guscio fond.	380	379	400	401	1	40.0		0.70	1.00
362	Guscio fond.	379	381	402	400	1	40.0		0.70	1.00
363	Guscio fond.	381	382	403	402	1	40.0		0.70	1.00
364	Guscio fond.	382	383	404	403	1	40.0		0.70	1.00
365	Guscio fond.	383	384	405	404	1	40.0		0.70	1.00
366	Guscio fond.	384	385	406	405	1	40.0		0.70	1.00
367	Guscio fond.	385	386	407	406	1	40.0		0.70	1.00
368	Guscio fond.	386	387	408	407	1	40.0		0.70	1.00
369	Guscio fond.	387	388	409	408	1	40.0		0.70	1.00
370	Guscio fond.	388	389	410	409	1	40.0		0.70	1.00
371	Guscio fond.	389	390	411	410	1	40.0		0.70	1.00
372	Guscio fond.	390	391	412	411	1	40.0		0.70	1.00
373	Guscio fond.	391	392	413	412	1	40.0		0.70	1.00
374	Guscio fond.	392	393	414	413	1	40.0		0.70	1.00
375	Guscio fond.	393	394	415	414	1	40.0		0.70	1.00
376	Guscio fond.	394	395	416	415	1	40.0		0.70	1.00
377	Guscio fond.	395	396	417	416	1	40.0		0.70	1.00
378	Guscio fond.	396	397	418	417	1	40.0		0.70	1.00
379	Guscio fond.	397	398	419	418	1	40.0		0.70	1.00
380	Guscio fond.	398	399	420	419	1	40.0		0.70	1.00
381	Guscio fond.	401	400	421	422	1	40.0		0.70	1.00
382	Guscio fond.	400	402	423	421	1	40.0		0.70	1.00

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
383	Guscio fond.	402	403	424	423	1	40.0		0.70	1.00
384	Guscio fond.	403	404	425	424	1	40.0		0.70	1.00
385	Guscio fond.	404	405	426	425	1	40.0		0.70	1.00
386	Guscio fond.	405	406	427	426	1	40.0		0.70	1.00
387	Guscio fond.	406	407	428	427	1	40.0		0.70	1.00
388	Guscio fond.	407	408	429	428	1	40.0		0.70	1.00
389	Guscio fond.	408	409	430	429	1	40.0		0.70	1.00
390	Guscio fond.	409	410	431	430	1	40.0		0.70	1.00
391	Guscio fond.	410	411	432	431	1	40.0		0.70	1.00
392	Guscio fond.	411	412	433	432	1	40.0		0.70	1.00
393	Guscio fond.	412	413	434	433	1	40.0		0.70	1.00
394	Guscio fond.	413	414	435	434	1	40.0		0.70	1.00
395	Guscio fond.	414	415	436	435	1	40.0		0.70	1.00
396	Guscio fond.	415	416	437	436	1	40.0		0.70	1.00
397	Guscio fond.	416	417	438	437	1	40.0		0.70	1.00
398	Guscio fond.	417	418	439	438	1	40.0		0.70	1.00
399	Guscio fond.	418	419	440	439	1	40.0		0.70	1.00
400	Guscio fond.	419	420	441	440	1	40.0		0.70	1.00
401	Setto	1	4	442	443	1	40.0			
402	Setto	443	442	444	445	1	40.0			
403	Setto	445	444	446	447	1	40.0			
404	Setto	447	446	448	449	1	40.0			
405	Setto	449	448	450	451	1	40.0			
406	Setto	451	450	452	453	1	40.0			
407	Setto	453	452	454	455	1	40.0			
408	Setto	455	454	456	457	1	40.0			
409	Setto	457	456	458	459	1	40.0			
410	Setto	459	458	460	461	1	40.0			
411	Setto	4	44	462	442	1	40.0			
412	Setto	442	462	463	444	1	40.0			
413	Setto	444	463	464	446	1	40.0			
414	Setto	446	464	465	448	1	40.0			
415	Setto	448	465	466	450	1	40.0			
416	Setto	450	466	467	452	1	40.0			
417	Setto	452	467	468	454	1	40.0			
418	Setto	454	468	469	456	1	40.0			
419	Setto	456	469	470	458	1	40.0			
420	Setto	458	470	471	460	1	40.0			
421	Setto	44	65	472	462	1	40.0			
422	Setto	462	472	473	463	1	40.0			
423	Setto	463	473	474	464	1	40.0			
424	Setto	464	474	475	465	1	40.0			
425	Setto	465	475	476	466	1	40.0			
426	Setto	466	476	477	467	1	40.0			
427	Setto	467	477	478	468	1	40.0			
428	Setto	468	478	479	469	1	40.0			
429	Setto	469	479	480	470	1	40.0			
430	Setto	470	480	481	471	1	40.0			
431	Setto	65	86	482	472	1	40.0			
432	Setto	472	482	483	473	1	40.0			
433	Setto	473	483	484	474	1	40.0			
434	Setto	474	484	485	475	1	40.0			
435	Setto	475	485	486	476	1	40.0			
436	Setto	476	486	487	477	1	40.0			
437	Setto	477	487	488	478	1	40.0			
438	Setto	478	488	489	479	1	40.0			
439	Setto	479	489	490	480	1	40.0			
440	Setto	480	490	491	481	1	40.0			
441	Setto	86	107	492	482	1	40.0			
442	Setto	482	492	493	483	1	40.0			
443	Setto	483	493	494	484	1	40.0			
444	Setto	484	494	495	485	1	40.0			
445	Setto	485	495	496	486	1	40.0			
446	Setto	486	496	497	487	1	40.0			
447	Setto	487	497	498	488	1	40.0			
448	Setto	488	498	499	489	1	40.0			
449	Setto	489	499	500	490	1	40.0			
450	Setto	490	500	501	491	1	40.0			
451	Setto	107	128	502	492	1	40.0			
452	Setto	492	502	503	493	1	40.0			
453	Setto	493	503	504	494	1	40.0			
454	Setto	494	504	505	495	1	40.0			
455	Setto	495	505	506	496	1	40.0			
456	Setto	496	506	507	497	1	40.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
457	Setto	497	507	508	498	1	40.0			
458	Setto	498	508	509	499	1	40.0			
459	Setto	499	509	510	500	1	40.0			
460	Setto	500	510	511	501	1	40.0			
461	Setto	128	149	512	502	1	40.0			
462	Setto	502	512	513	503	1	40.0			
463	Setto	503	513	514	504	1	40.0			
464	Setto	504	514	515	505	1	40.0			
465	Setto	505	515	516	506	1	40.0			
466	Setto	506	516	517	507	1	40.0			
467	Setto	507	517	518	508	1	40.0			
468	Setto	508	518	519	509	1	40.0			
469	Setto	509	519	520	510	1	40.0			
470	Setto	510	520	521	511	1	40.0			
471	Setto	149	170	522	512	1	40.0			
472	Setto	512	522	523	513	1	40.0			
473	Setto	513	523	524	514	1	40.0			
474	Setto	514	524	525	515	1	40.0			
475	Setto	515	525	526	516	1	40.0			
476	Setto	516	526	527	517	1	40.0			
477	Setto	517	527	528	518	1	40.0			
478	Setto	518	528	529	519	1	40.0			
479	Setto	519	529	530	520	1	40.0			
480	Setto	520	530	531	521	1	40.0			
481	Setto	170	191	532	522	1	40.0			
482	Setto	522	532	533	523	1	40.0			
483	Setto	523	533	534	524	1	40.0			
484	Setto	524	534	535	525	1	40.0			
485	Setto	525	535	536	526	1	40.0			
486	Setto	526	536	537	527	1	40.0			
487	Setto	527	537	538	528	1	40.0			
488	Setto	528	538	539	529	1	40.0			
489	Setto	529	539	540	530	1	40.0			
490	Setto	530	540	541	531	1	40.0			
491	Setto	191	212	542	532	1	40.0			
492	Setto	532	542	543	533	1	40.0			
493	Setto	533	543	544	534	1	40.0			
494	Setto	534	544	545	535	1	40.0			
495	Setto	535	545	546	536	1	40.0			
496	Setto	536	546	547	537	1	40.0			
497	Setto	537	547	548	538	1	40.0			
498	Setto	538	548	549	539	1	40.0			
499	Setto	539	549	550	540	1	40.0			
500	Setto	540	550	551	541	1	40.0			
501	Setto	212	233	552	542	1	40.0			
502	Setto	542	552	553	543	1	40.0			
503	Setto	543	553	554	544	1	40.0			
504	Setto	544	554	555	545	1	40.0			
505	Setto	545	555	556	546	1	40.0			
506	Setto	546	556	557	547	1	40.0			
507	Setto	547	557	558	548	1	40.0			
508	Setto	548	558	559	549	1	40.0			
509	Setto	549	559	560	550	1	40.0			
510	Setto	550	560	561	551	1	40.0			
511	Setto	233	254	562	552	1	40.0			
512	Setto	552	562	563	553	1	40.0			
513	Setto	553	563	564	554	1	40.0			
514	Setto	554	564	565	555	1	40.0			
515	Setto	555	565	566	556	1	40.0			
516	Setto	556	566	567	557	1	40.0			
517	Setto	557	567	568	558	1	40.0			
518	Setto	558	568	569	559	1	40.0			
519	Setto	559	569	570	560	1	40.0			
520	Setto	560	570	571	561	1	40.0			
521	Setto	254	275	572	562	1	40.0			
522	Setto	562	572	573	563	1	40.0			
523	Setto	563	573	574	564	1	40.0			
524	Setto	564	574	575	565	1	40.0			
525	Setto	565	575	576	566	1	40.0			
526	Setto	566	576	577	567	1	40.0			
527	Setto	567	577	578	568	1	40.0			
528	Setto	568	578	579	569	1	40.0			
529	Setto	569	579	580	570	1	40.0			
530	Setto	570	580	581	571	1	40.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
531	Setto	275	296	582	572	1	40.0			
532	Setto	572	582	583	573	1	40.0			
533	Setto	573	583	584	574	1	40.0			
534	Setto	574	584	585	575	1	40.0			
535	Setto	575	585	586	576	1	40.0			
536	Setto	576	586	587	577	1	40.0			
537	Setto	577	587	588	578	1	40.0			
538	Setto	578	588	589	579	1	40.0			
539	Setto	579	589	590	580	1	40.0			
540	Setto	580	590	591	581	1	40.0			
541	Setto	296	317	592	582	1	40.0			
542	Setto	582	592	593	583	1	40.0			
543	Setto	583	593	594	584	1	40.0			
544	Setto	584	594	595	585	1	40.0			
545	Setto	585	595	596	586	1	40.0			
546	Setto	586	596	597	587	1	40.0			
547	Setto	587	597	598	588	1	40.0			
548	Setto	588	598	599	589	1	40.0			
549	Setto	589	599	600	590	1	40.0			
550	Setto	590	600	601	591	1	40.0			
551	Setto	317	338	602	592	1	40.0			
552	Setto	592	602	603	593	1	40.0			
553	Setto	593	603	604	594	1	40.0			
554	Setto	594	604	605	595	1	40.0			
555	Setto	595	605	606	596	1	40.0			
556	Setto	596	606	607	597	1	40.0			
557	Setto	597	607	608	598	1	40.0			
558	Setto	598	608	609	599	1	40.0			
559	Setto	599	609	610	600	1	40.0			
560	Setto	600	610	611	601	1	40.0			
561	Setto	338	359	612	602	1	40.0			
562	Setto	602	612	613	603	1	40.0			
563	Setto	603	613	614	604	1	40.0			
564	Setto	604	614	615	605	1	40.0			
565	Setto	605	615	616	606	1	40.0			
566	Setto	606	616	617	607	1	40.0			
567	Setto	607	617	618	608	1	40.0			
568	Setto	608	618	619	609	1	40.0			
569	Setto	609	619	620	610	1	40.0			
570	Setto	610	620	621	611	1	40.0			
571	Setto	359	380	622	612	1	40.0			
572	Setto	612	622	623	613	1	40.0			
573	Setto	613	623	624	614	1	40.0			
574	Setto	614	624	625	615	1	40.0			
575	Setto	615	625	626	616	1	40.0			
576	Setto	616	626	627	617	1	40.0			
577	Setto	617	627	628	618	1	40.0			
578	Setto	618	628	629	619	1	40.0			
579	Setto	619	629	630	620	1	40.0			
580	Setto	620	630	631	621	1	40.0			
581	Setto	380	401	632	622	1	40.0			
582	Setto	622	632	633	623	1	40.0			
583	Setto	623	633	634	624	1	40.0			
584	Setto	624	634	635	625	1	40.0			
585	Setto	625	635	636	626	1	40.0			
586	Setto	626	636	637	627	1	40.0			
587	Setto	627	637	638	628	1	40.0			
588	Setto	628	638	639	629	1	40.0			
589	Setto	629	639	640	630	1	40.0			
590	Setto	630	640	641	631	1	40.0			
591	Setto	401	422	642	632	1	40.0			
592	Setto	632	642	643	633	1	40.0			
593	Setto	633	643	644	634	1	40.0			
594	Setto	634	644	645	635	1	40.0			
595	Setto	635	645	646	636	1	40.0			
596	Setto	636	646	647	637	1	40.0			
597	Setto	637	647	648	638	1	40.0			
598	Setto	638	648	649	639	1	40.0			
599	Setto	639	649	650	640	1	40.0			
600	Setto	640	650	651	641	1	40.0			
601	Setto	41	42	652	653	1	40.0			
602	Setto	653	652	654	655	1	40.0			
603	Setto	655	654	656	657	1	40.0			
604	Setto	657	656	658	659	1	40.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
605	Setto	659	658	660	661	1	40.0			
606	Setto	661	660	662	663	1	40.0			
607	Setto	663	662	664	665	1	40.0			
608	Setto	665	664	666	667	1	40.0			
609	Setto	667	666	668	669	1	40.0			
610	Setto	669	668	670	671	1	40.0			
611	Setto	42	63	672	652	1	40.0			
612	Setto	652	672	673	654	1	40.0			
613	Setto	654	673	674	656	1	40.0			
614	Setto	656	674	675	658	1	40.0			
615	Setto	658	675	676	660	1	40.0			
616	Setto	660	676	677	662	1	40.0			
617	Setto	662	677	678	664	1	40.0			
618	Setto	664	678	679	666	1	40.0			
619	Setto	666	679	680	668	1	40.0			
620	Setto	668	680	681	670	1	40.0			
621	Setto	63	84	682	672	1	40.0			
622	Setto	672	682	683	673	1	40.0			
623	Setto	673	683	684	674	1	40.0			
624	Setto	674	684	685	675	1	40.0			
625	Setto	675	685	686	676	1	40.0			
626	Setto	676	686	687	677	1	40.0			
627	Setto	677	687	688	678	1	40.0			
628	Setto	678	688	689	679	1	40.0			
629	Setto	679	689	690	680	1	40.0			
630	Setto	680	690	691	681	1	40.0			
631	Setto	84	105	692	682	1	40.0			
632	Setto	682	692	693	683	1	40.0			
633	Setto	683	693	694	684	1	40.0			
634	Setto	684	694	695	685	1	40.0			
635	Setto	685	695	696	686	1	40.0			
636	Setto	686	696	697	687	1	40.0			
637	Setto	687	697	698	688	1	40.0			
638	Setto	688	698	699	689	1	40.0			
639	Setto	689	699	700	690	1	40.0			
640	Setto	690	700	701	691	1	40.0			
641	Setto	105	126	702	692	1	40.0			
642	Setto	692	702	703	693	1	40.0			
643	Setto	693	703	704	694	1	40.0			
644	Setto	694	704	705	695	1	40.0			
645	Setto	695	705	706	696	1	40.0			
646	Setto	696	706	707	697	1	40.0			
647	Setto	697	707	708	698	1	40.0			
648	Setto	698	708	709	699	1	40.0			
649	Setto	699	709	710	700	1	40.0			
650	Setto	700	710	711	701	1	40.0			
651	Setto	126	147	712	702	1	40.0			
652	Setto	702	712	713	703	1	40.0			
653	Setto	703	713	714	704	1	40.0			
654	Setto	704	714	715	705	1	40.0			
655	Setto	705	715	716	706	1	40.0			
656	Setto	706	716	717	707	1	40.0			
657	Setto	707	717	718	708	1	40.0			
658	Setto	708	718	719	709	1	40.0			
659	Setto	709	719	720	710	1	40.0			
660	Setto	710	720	721	711	1	40.0			
661	Setto	147	168	722	712	1	40.0			
662	Setto	712	722	723	713	1	40.0			
663	Setto	713	723	724	714	1	40.0			
664	Setto	714	724	725	715	1	40.0			
665	Setto	715	725	726	716	1	40.0			
666	Setto	716	726	727	717	1	40.0			
667	Setto	717	727	728	718	1	40.0			
668	Setto	718	728	729	719	1	40.0			
669	Setto	719	729	730	720	1	40.0			
670	Setto	720	730	731	721	1	40.0			
671	Setto	168	189	732	722	1	40.0			
672	Setto	722	732	733	723	1	40.0			
673	Setto	723	733	734	724	1	40.0			
674	Setto	724	734	735	725	1	40.0			
675	Setto	725	735	736	726	1	40.0			
676	Setto	726	736	737	727	1	40.0			
677	Setto	727	737	738	728	1	40.0			
678	Setto	728	738	739	729	1	40.0			

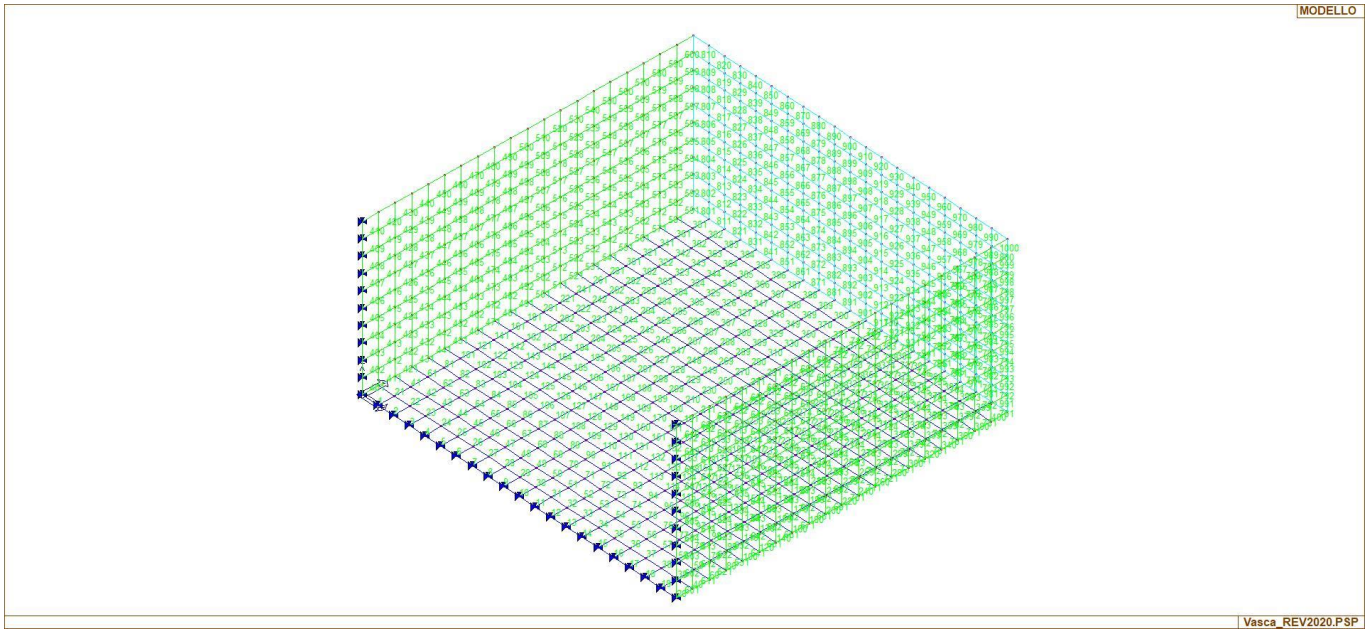
Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
679	Setto	729	739	740	730	1	40.0			
680	Setto	730	740	741	731	1	40.0			
681	Setto	189	210	742	732	1	40.0			
682	Setto	732	742	743	733	1	40.0			
683	Setto	733	743	744	734	1	40.0			
684	Setto	734	744	745	735	1	40.0			
685	Setto	735	745	746	736	1	40.0			
686	Setto	736	746	747	737	1	40.0			
687	Setto	737	747	748	738	1	40.0			
688	Setto	738	748	749	739	1	40.0			
689	Setto	739	749	750	740	1	40.0			
690	Setto	740	750	751	741	1	40.0			
691	Setto	210	231	752	742	1	40.0			
692	Setto	742	752	753	743	1	40.0			
693	Setto	743	753	754	744	1	40.0			
694	Setto	744	754	755	745	1	40.0			
695	Setto	745	755	756	746	1	40.0			
696	Setto	746	756	757	747	1	40.0			
697	Setto	747	757	758	748	1	40.0			
698	Setto	748	758	759	749	1	40.0			
699	Setto	749	759	760	750	1	40.0			
700	Setto	750	760	761	751	1	40.0			
701	Setto	231	252	762	752	1	40.0			
702	Setto	752	762	763	753	1	40.0			
703	Setto	753	763	764	754	1	40.0			
704	Setto	754	764	765	755	1	40.0			
705	Setto	755	765	766	756	1	40.0			
706	Setto	756	766	767	757	1	40.0			
707	Setto	757	767	768	758	1	40.0			
708	Setto	758	768	769	759	1	40.0			
709	Setto	759	769	770	760	1	40.0			
710	Setto	760	770	771	761	1	40.0			
711	Setto	252	273	772	762	1	40.0			
712	Setto	762	772	773	763	1	40.0			
713	Setto	763	773	774	764	1	40.0			
714	Setto	764	774	775	765	1	40.0			
715	Setto	765	775	776	766	1	40.0			
716	Setto	766	776	777	767	1	40.0			
717	Setto	767	777	778	768	1	40.0			
718	Setto	768	778	779	769	1	40.0			
719	Setto	769	779	780	770	1	40.0			
720	Setto	770	780	781	771	1	40.0			
721	Setto	273	294	782	772	1	40.0			
722	Setto	772	782	783	773	1	40.0			
723	Setto	773	783	784	774	1	40.0			
724	Setto	774	784	785	775	1	40.0			
725	Setto	775	785	786	776	1	40.0			
726	Setto	776	786	787	777	1	40.0			
727	Setto	777	787	788	778	1	40.0			
728	Setto	778	788	789	779	1	40.0			
729	Setto	779	789	790	780	1	40.0			
730	Setto	780	790	791	781	1	40.0			
731	Setto	294	315	792	782	1	40.0			
732	Setto	782	792	793	783	1	40.0			
733	Setto	783	793	794	784	1	40.0			
734	Setto	784	794	795	785	1	40.0			
735	Setto	785	795	796	786	1	40.0			
736	Setto	786	796	797	787	1	40.0			
737	Setto	787	797	798	788	1	40.0			
738	Setto	788	798	799	789	1	40.0			
739	Setto	789	799	800	790	1	40.0			
740	Setto	790	800	801	791	1	40.0			
741	Setto	315	336	802	792	1	40.0			
742	Setto	792	802	803	793	1	40.0			
743	Setto	793	803	804	794	1	40.0			
744	Setto	794	804	805	795	1	40.0			
745	Setto	795	805	806	796	1	40.0			
746	Setto	796	806	807	797	1	40.0			
747	Setto	797	807	808	798	1	40.0			
748	Setto	798	808	809	799	1	40.0			
749	Setto	799	809	810	800	1	40.0			
750	Setto	800	810	811	801	1	40.0			
751	Setto	336	357	812	802	1	40.0			
752	Setto	802	812	813	803	1	40.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
753	Setto	803	813	814	804	1	40.0			
754	Setto	804	814	815	805	1	40.0			
755	Setto	805	815	816	806	1	40.0			
756	Setto	806	816	817	807	1	40.0			
757	Setto	807	817	818	808	1	40.0			
758	Setto	808	818	819	809	1	40.0			
759	Setto	809	819	820	810	1	40.0			
760	Setto	810	820	821	811	1	40.0			
761	Setto	357	378	822	812	1	40.0			
762	Setto	812	822	823	813	1	40.0			
763	Setto	813	823	824	814	1	40.0			
764	Setto	814	824	825	815	1	40.0			
765	Setto	815	825	826	816	1	40.0			
766	Setto	816	826	827	817	1	40.0			
767	Setto	817	827	828	818	1	40.0			
768	Setto	818	828	829	819	1	40.0			
769	Setto	819	829	830	820	1	40.0			
770	Setto	820	830	831	821	1	40.0			
771	Setto	378	399	832	822	1	40.0			
772	Setto	822	832	833	823	1	40.0			
773	Setto	823	833	834	824	1	40.0			
774	Setto	824	834	835	825	1	40.0			
775	Setto	825	835	836	826	1	40.0			
776	Setto	826	836	837	827	1	40.0			
777	Setto	827	837	838	828	1	40.0			
778	Setto	828	838	839	829	1	40.0			
779	Setto	829	839	840	830	1	40.0			
780	Setto	830	840	841	831	1	40.0			
781	Setto	399	420	842	832	1	40.0			
782	Setto	832	842	843	833	1	40.0			
783	Setto	833	843	844	834	1	40.0			
784	Setto	834	844	845	835	1	40.0			
785	Setto	835	845	846	836	1	40.0			
786	Setto	836	846	847	837	1	40.0			
787	Setto	837	847	848	838	1	40.0			
788	Setto	838	848	849	839	1	40.0			
789	Setto	839	849	850	840	1	40.0			
790	Setto	840	850	851	841	1	40.0			
791	Setto	420	441	852	842	1	40.0			
792	Setto	842	852	853	843	1	40.0			
793	Setto	843	853	854	844	1	40.0			
794	Setto	844	854	855	845	1	40.0			
795	Setto	845	855	856	846	1	40.0			
796	Setto	846	856	857	847	1	40.0			
797	Setto	847	857	858	848	1	40.0			
798	Setto	848	858	859	849	1	40.0			
799	Setto	849	859	860	850	1	40.0			
800	Setto	850	860	861	851	1	40.0			
801	Setto	642	862	421	422	1	40.0			
802	Setto	643	863	862	642	1	40.0			
803	Setto	644	864	863	643	1	40.0			
804	Setto	645	865	864	644	1	40.0			
805	Setto	646	866	865	645	1	40.0			
806	Setto	647	867	866	646	1	40.0			
807	Setto	648	868	867	647	1	40.0			
808	Setto	649	869	868	648	1	40.0			
809	Setto	650	870	869	649	1	40.0			
810	Setto	651	871	870	650	1	40.0			
811	Setto	862	872	423	421	1	40.0			
812	Setto	863	873	872	862	1	40.0			
813	Setto	864	874	873	863	1	40.0			
814	Setto	865	875	874	864	1	40.0			
815	Setto	866	876	875	865	1	40.0			
816	Setto	867	877	876	866	1	40.0			
817	Setto	868	878	877	867	1	40.0			
818	Setto	869	879	878	868	1	40.0			
819	Setto	870	880	879	869	1	40.0			
820	Setto	871	881	880	870	1	40.0			
821	Setto	872	882	424	423	1	40.0			
822	Setto	873	883	882	872	1	40.0			
823	Setto	874	884	883	873	1	40.0			
824	Setto	875	885	884	874	1	40.0			
825	Setto	876	886	885	875	1	40.0			
826	Setto	877	887	886	876	1	40.0			

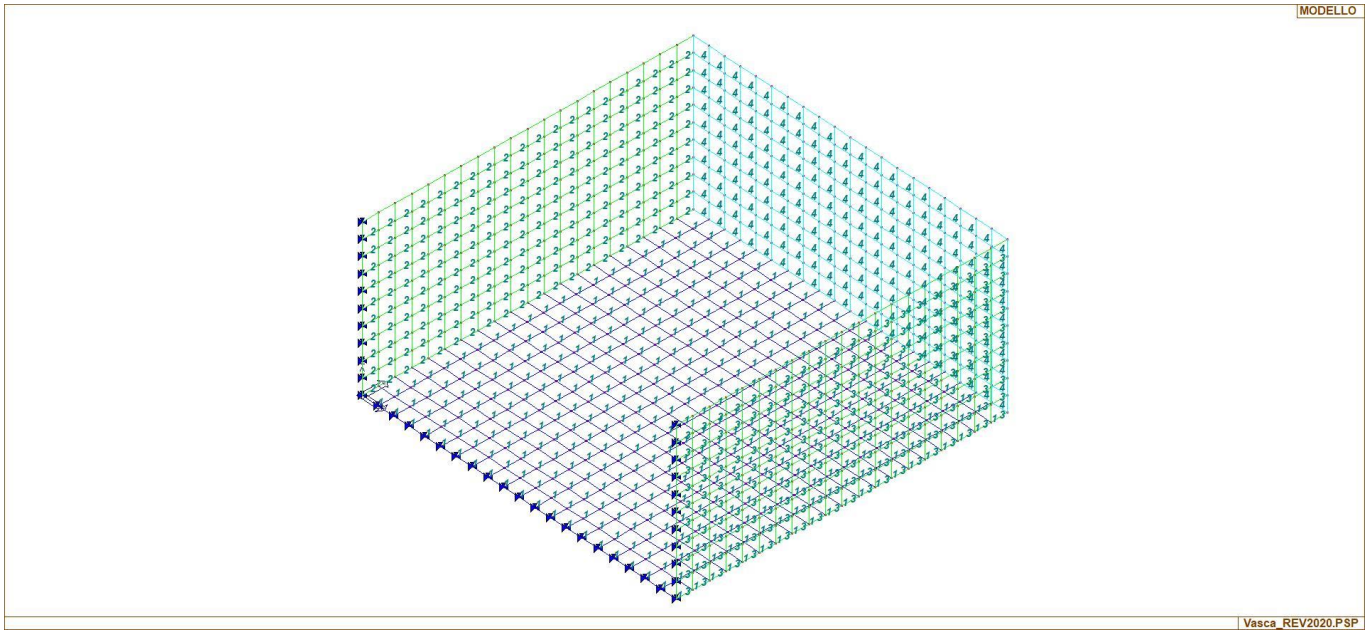
Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
827	Setto	878	888	887	877	1	40.0			
828	Setto	879	889	888	878	1	40.0			
829	Setto	880	890	889	879	1	40.0			
830	Setto	881	891	890	880	1	40.0			
831	Setto	882	892	425	424	1	40.0			
832	Setto	883	893	892	882	1	40.0			
833	Setto	884	894	893	883	1	40.0			
834	Setto	885	895	894	884	1	40.0			
835	Setto	886	896	895	885	1	40.0			
836	Setto	887	897	896	886	1	40.0			
837	Setto	888	898	897	887	1	40.0			
838	Setto	889	899	898	888	1	40.0			
839	Setto	890	900	899	889	1	40.0			
840	Setto	891	901	900	890	1	40.0			
841	Setto	892	902	426	425	1	40.0			
842	Setto	893	903	902	892	1	40.0			
843	Setto	894	904	903	893	1	40.0			
844	Setto	895	905	904	894	1	40.0			
845	Setto	896	906	905	895	1	40.0			
846	Setto	897	907	906	896	1	40.0			
847	Setto	898	908	907	897	1	40.0			
848	Setto	899	909	908	898	1	40.0			
849	Setto	900	910	909	899	1	40.0			
850	Setto	901	911	910	900	1	40.0			
851	Setto	902	912	427	426	1	40.0			
852	Setto	903	913	912	902	1	40.0			
853	Setto	904	914	913	903	1	40.0			
854	Setto	905	915	914	904	1	40.0			
855	Setto	906	916	915	905	1	40.0			
856	Setto	907	917	916	906	1	40.0			
857	Setto	908	918	917	907	1	40.0			
858	Setto	909	919	918	908	1	40.0			
859	Setto	910	920	919	909	1	40.0			
860	Setto	911	921	920	910	1	40.0			
861	Setto	912	922	428	427	1	40.0			
862	Setto	913	923	922	912	1	40.0			
863	Setto	914	924	923	913	1	40.0			
864	Setto	915	925	924	914	1	40.0			
865	Setto	916	926	925	915	1	40.0			
866	Setto	917	927	926	916	1	40.0			
867	Setto	918	928	927	917	1	40.0			
868	Setto	919	929	928	918	1	40.0			
869	Setto	920	930	929	919	1	40.0			
870	Setto	921	931	930	920	1	40.0			
871	Setto	922	932	429	428	1	40.0			
872	Setto	923	933	932	922	1	40.0			
873	Setto	924	934	933	923	1	40.0			
874	Setto	925	935	934	924	1	40.0			
875	Setto	926	936	935	925	1	40.0			
876	Setto	927	937	936	926	1	40.0			
877	Setto	928	938	937	927	1	40.0			
878	Setto	929	939	938	928	1	40.0			
879	Setto	930	940	939	929	1	40.0			
880	Setto	931	941	940	930	1	40.0			
881	Setto	932	942	430	429	1	40.0			
882	Setto	933	943	942	932	1	40.0			
883	Setto	934	944	943	933	1	40.0			
884	Setto	935	945	944	934	1	40.0			
885	Setto	936	946	945	935	1	40.0			
886	Setto	937	947	946	936	1	40.0			
887	Setto	938	948	947	937	1	40.0			
888	Setto	939	949	948	938	1	40.0			
889	Setto	940	950	949	939	1	40.0			
890	Setto	941	951	950	940	1	40.0			
891	Setto	942	952	431	430	1	40.0			
892	Setto	943	953	952	942	1	40.0			
893	Setto	944	954	953	943	1	40.0			
894	Setto	945	955	954	944	1	40.0			
895	Setto	946	956	955	945	1	40.0			
896	Setto	947	957	956	946	1	40.0			
897	Setto	948	958	957	947	1	40.0			
898	Setto	949	959	958	948	1	40.0			
899	Setto	950	960	959	949	1	40.0			
900	Setto	951	961	960	950	1	40.0			

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
901	Setto	952	962	432	431	1	40.0			
902	Setto	953	963	962	952	1	40.0			
903	Setto	954	964	963	953	1	40.0			
904	Setto	955	965	964	954	1	40.0			
905	Setto	956	966	965	955	1	40.0			
906	Setto	957	967	966	956	1	40.0			
907	Setto	958	968	967	957	1	40.0			
908	Setto	959	969	968	958	1	40.0			
909	Setto	960	970	969	959	1	40.0			
910	Setto	961	971	970	960	1	40.0			
911	Setto	962	972	433	432	1	40.0			
912	Setto	963	973	972	962	1	40.0			
913	Setto	964	974	973	963	1	40.0			
914	Setto	965	975	974	964	1	40.0			
915	Setto	966	976	975	965	1	40.0			
916	Setto	967	977	976	966	1	40.0			
917	Setto	968	978	977	967	1	40.0			
918	Setto	969	979	978	968	1	40.0			
919	Setto	970	980	979	969	1	40.0			
920	Setto	971	981	980	970	1	40.0			
921	Setto	972	982	434	433	1	40.0			
922	Setto	973	983	982	972	1	40.0			
923	Setto	974	984	983	973	1	40.0			
924	Setto	975	985	984	974	1	40.0			
925	Setto	976	986	985	975	1	40.0			
926	Setto	977	987	986	976	1	40.0			
927	Setto	978	988	987	977	1	40.0			
928	Setto	979	989	988	978	1	40.0			
929	Setto	980	990	989	979	1	40.0			
930	Setto	981	991	990	980	1	40.0			
931	Setto	982	992	435	434	1	40.0			
932	Setto	983	993	992	982	1	40.0			
933	Setto	984	994	993	983	1	40.0			
934	Setto	985	995	994	984	1	40.0			
935	Setto	986	996	995	985	1	40.0			
936	Setto	987	997	996	986	1	40.0			
937	Setto	988	998	997	987	1	40.0			
938	Setto	989	999	998	988	1	40.0			
939	Setto	990	1000	999	989	1	40.0			
940	Setto	991	1001	1000	990	1	40.0			
941	Setto	992	1002	436	435	1	40.0			
942	Setto	993	1003	1002	992	1	40.0			
943	Setto	994	1004	1003	993	1	40.0			
944	Setto	995	1005	1004	994	1	40.0			
945	Setto	996	1006	1005	995	1	40.0			
946	Setto	997	1007	1006	996	1	40.0			
947	Setto	998	1008	1007	997	1	40.0			
948	Setto	999	1009	1008	998	1	40.0			
949	Setto	1000	1010	1009	999	1	40.0			
950	Setto	1001	1011	1010	1000	1	40.0			
951	Setto	1002	1012	437	436	1	40.0			
952	Setto	1003	1013	1012	1002	1	40.0			
953	Setto	1004	1014	1013	1003	1	40.0			
954	Setto	1005	1015	1014	1004	1	40.0			
955	Setto	1006	1016	1015	1005	1	40.0			
956	Setto	1007	1017	1016	1006	1	40.0			
957	Setto	1008	1018	1017	1007	1	40.0			
958	Setto	1009	1019	1018	1008	1	40.0			
959	Setto	1010	1020	1019	1009	1	40.0			
960	Setto	1011	1021	1020	1010	1	40.0			
961	Setto	1012	1022	438	437	1	40.0			
962	Setto	1013	1023	1022	1012	1	40.0			
963	Setto	1014	1024	1023	1013	1	40.0			
964	Setto	1015	1025	1024	1014	1	40.0			
965	Setto	1016	1026	1025	1015	1	40.0			
966	Setto	1017	1027	1026	1016	1	40.0			
967	Setto	1018	1028	1027	1017	1	40.0			
968	Setto	1019	1029	1028	1018	1	40.0			
969	Setto	1020	1030	1029	1019	1	40.0			
970	Setto	1021	1031	1030	1020	1	40.0			
971	Setto	1022	1032	439	438	1	40.0			
972	Setto	1023	1033	1032	1022	1	40.0			
973	Setto	1024	1034	1033	1023	1	40.0			
974	Setto	1025	1035	1034	1024	1	40.0			

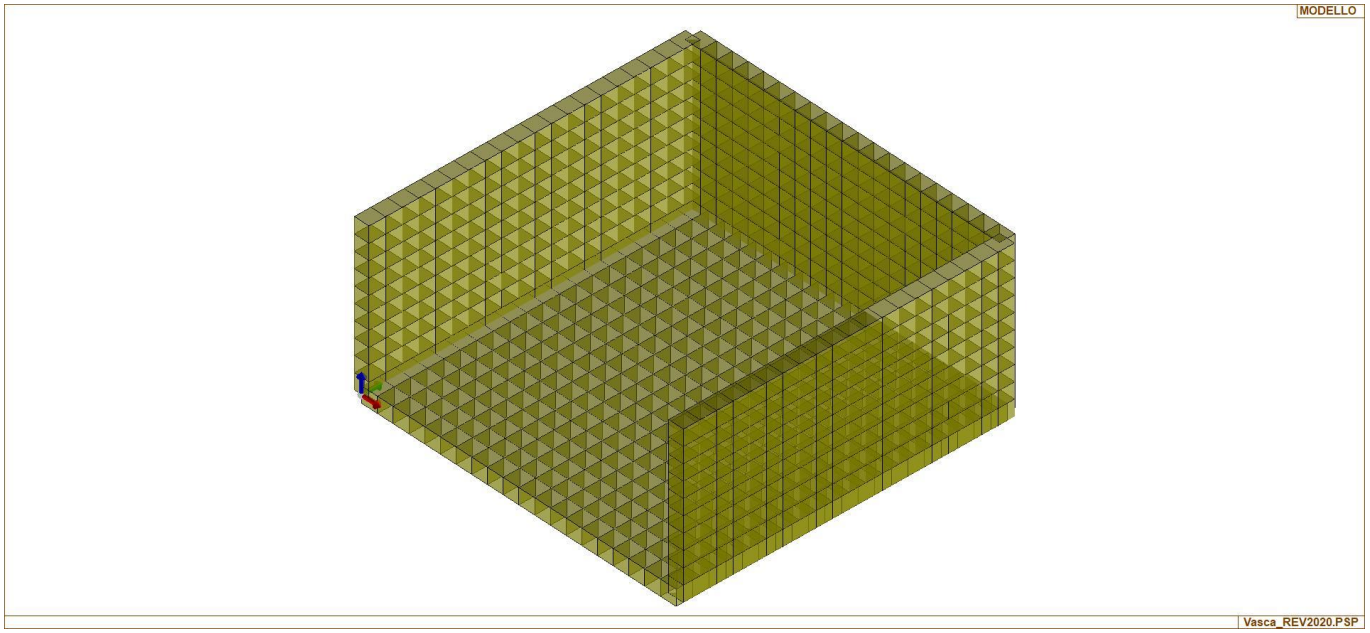
Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore	Svincolo	Wink V	Wink O
975	Setto	1026	1036	1035	1025	1	40.0			
976	Setto	1027	1037	1036	1026	1	40.0			
977	Setto	1028	1038	1037	1027	1	40.0			
978	Setto	1029	1039	1038	1028	1	40.0			
979	Setto	1030	1040	1039	1029	1	40.0			
980	Setto	1031	1041	1040	1030	1	40.0			
981	Setto	1032	1042	440	439	1	40.0			
982	Setto	1033	1043	1042	1032	1	40.0			
983	Setto	1034	1044	1043	1033	1	40.0			
984	Setto	1035	1045	1044	1034	1	40.0			
985	Setto	1036	1046	1045	1035	1	40.0			
986	Setto	1037	1047	1046	1036	1	40.0			
987	Setto	1038	1048	1047	1037	1	40.0			
988	Setto	1039	1049	1048	1038	1	40.0			
989	Setto	1040	1050	1049	1039	1	40.0			
990	Setto	1041	1051	1050	1040	1	40.0			
991	Setto	1042	852	441	440	1	40.0			
992	Setto	1043	853	852	1042	1	40.0			
993	Setto	1044	854	853	1043	1	40.0			
994	Setto	1045	855	854	1044	1	40.0			
995	Setto	1046	856	855	1045	1	40.0			
996	Setto	1047	857	856	1046	1	40.0			
997	Setto	1048	858	857	1047	1	40.0			
998	Setto	1049	859	858	1048	1	40.0			
999	Setto	1050	860	859	1049	1	40.0			
1000	Setto	1051	861	860	1050	1	40.0			



16_MOD_NUMERAZIONE_D3



16_MOD_NUMERAZIONE_D3_PARETI



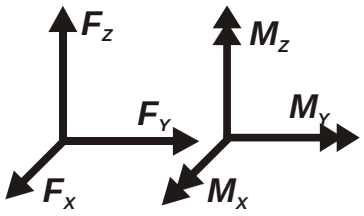
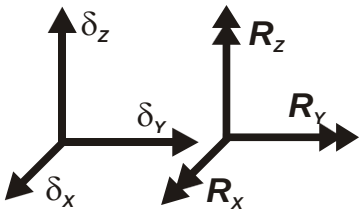
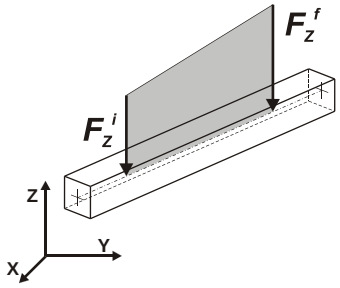
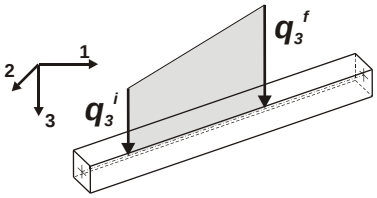
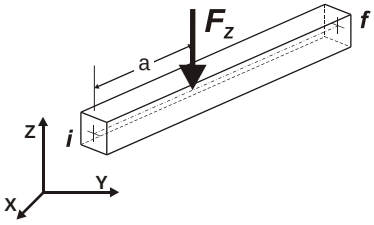
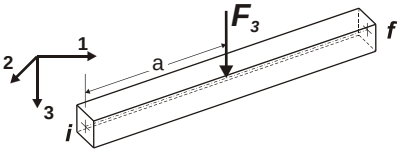
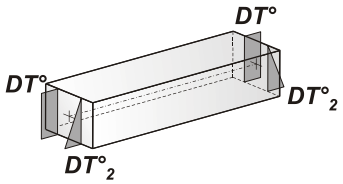
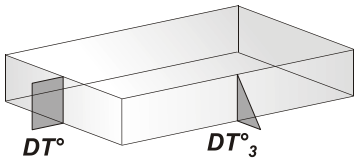
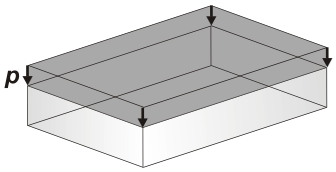
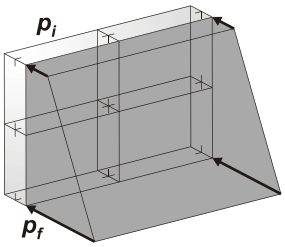
16_MOD_SPESSORI_D3

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	**carico concentrato nodale** 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra** 2 dati (variazioni termiche: media e differenza nello spessore)
11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

	Carico concentrato nodale		Spostamento impresso
	Carico distribuito globale		Carico distribuito locale
	Carico concentrato globale		Carico concentrato locale
	Carico termico 2D		Carico termico 3D
	Carico pressione uniforme		Carico pressione variabile

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
9	Acqua interna su soletta inf	0.35
10	Sottospinta Falda	-0.40

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		daN/cm2	cm	daN/cm2	cm

Id	Tipo	pressione	quota	pressione	quota
1	Spinta Falda sx	0.0	400.00	0.40	0.0
2	Spinta Falda dx	0.0	400.00	-0.40	0.0
5	Spinta riposo sx	0.0	400.00	0.21	0.0
6	Spinta riposo dx	0.0	400.00	-0.21	0.0
7	Acqua interna sx	0.0	350.00	-0.35	0.0
8	Acqua interna dx	0.0	400.00	0.35	0.0
11	ETK PAN ++	0.15	400.00	0.15	0.0
12	ETK PAN --	-0.15	400.00	-0.15	0.0
13	acqua interna y	0.0	350.00	0.35	0.0
14	Spinta Falda y	0.0	400.00	-0.40	0.0
17	Spinta riposo y	0.0	400.00	-0.21	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.
Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	*Tipo*	*Descrizione*
1	**Ggk**	A	caso di carico comprensivo del peso proprio struttura
2	**Gk**	NA	caso di carico con azioni permanenti
3	**Qk**	NA	caso di carico con azioni variabili
4	**Gsk**	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	**Qsk**	A	caso di carico comprensivo dei carichi variabili sui solai
6	**Qnk**	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	**Qtk**	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	**Qvk**	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	**Esk**	SA	caso di carico sismico con analisi statica equivalente
10	**Edk**	SA	caso di carico sismico con analisi dinamica
11	**Etk**	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	**Pk**	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

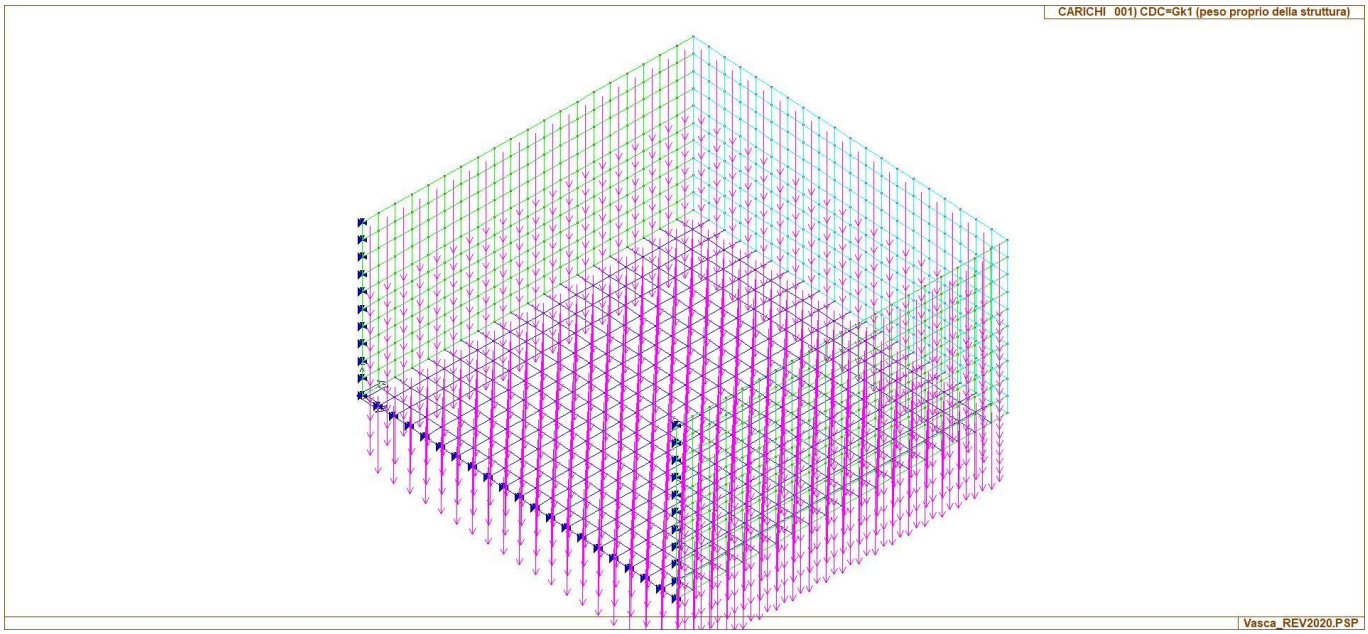
Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

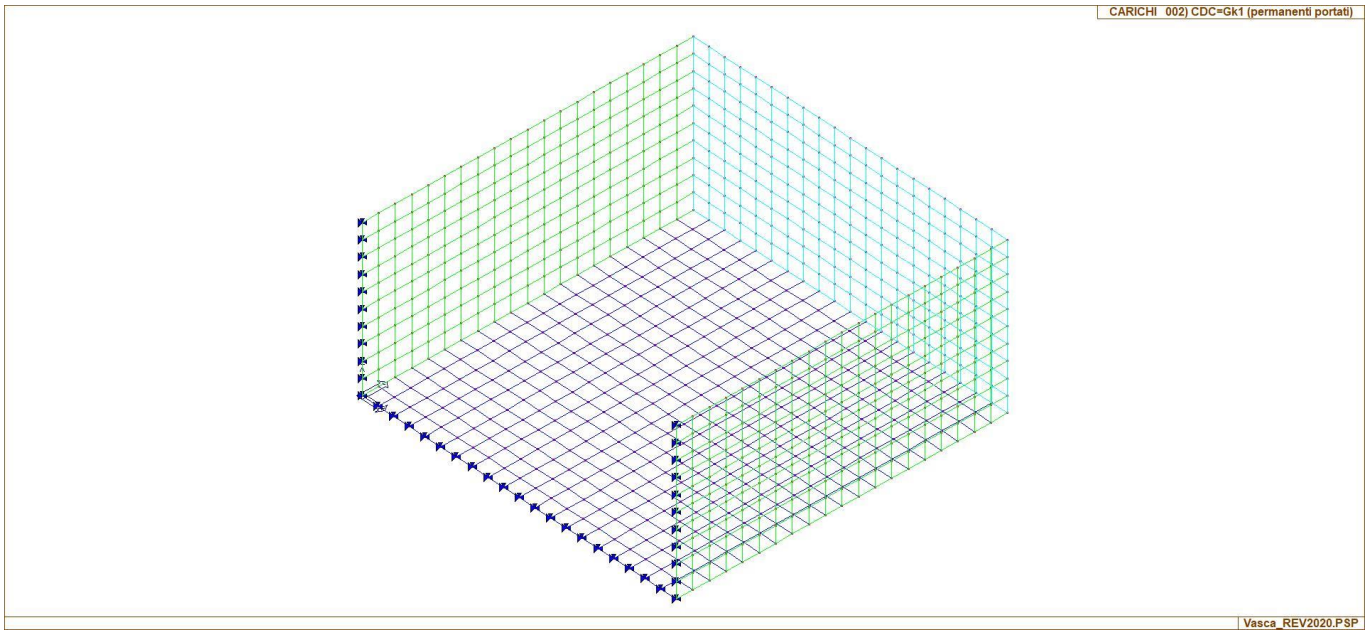
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Gk1 (peso proprio della struttura)	
2	Gk	CDC=Gk1 (permanenti portati)	Azioni applicate:
3	Gk	CDC=Gk1 (spinta a riposo)	Azioni applicate:
			D3 :da 1 a 400 Azione : Sottospinta Falda
			D3 :da 401 a 600 Azione : Spinta Falda sx
			D3 :da 401 a 600 Azione : Spinta riposo sx
			D3 :da 601 a 800 Azione : Spinta Falda dx
			D3 :da 601 a 800 Azione : Spinta riposo dx
			D3 :da 801 a 1000 Azione : Spinta Falda y
			D3 :da 801 a 1000 Azione : Spinta riposo y
4	Qk	CDC=Qk (acqua interna allo scatolare)	Azioni applicate:
			D3 :da 1 a 400 Azione : Acqua interna su soletta inf
			D3 :da 401 a 600 Azione : Acqua interna sx
			D3 :da 601 a 800 Azione : Acqua interna dx
			D3 :da 801 a 1000 Azione : acqua interna y
5	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. 0)	partecipazione:1.00 per 1 CDC=Gk1 (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=Gk1 (permanenti portati)
			partecipazione:1.00 per 3 CDC=Gk1 (spinta a riposo)
			partecipazione:0.80 per 4 CDC=Qk (acqua interna allo scatolare)
6	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. 0)	come precedente CDC sismico
7	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0	Azioni applicate:
			D3 :da 401 a 600 Azione : ETK PAN ++
8	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0	Azioni applicate:
			D3 :da 601 a 800 Azione : ETK PAN --
9	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00	Azioni applicate:
10	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00	Azioni applicate:
			D3 :da 801 a 1000 Azione : ETK PAN --
11	Esk	CDC=Es (statico SLD) alfa=0.0 (ecc. 0)	come precedente CDC sismico

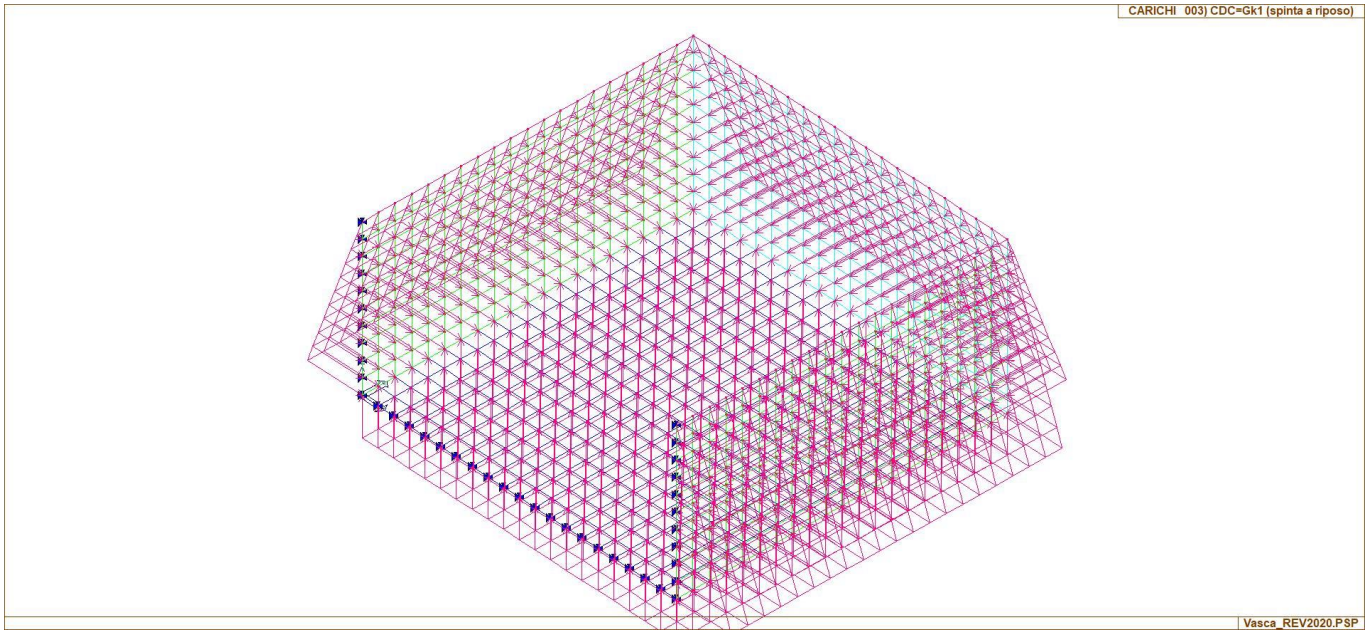
CDC	Tipo	Sigla Id	Note
12	Esk	CDC=Es (statico SLD) alfa=90.00 (ecc. 0)	come precedente CDC sismico



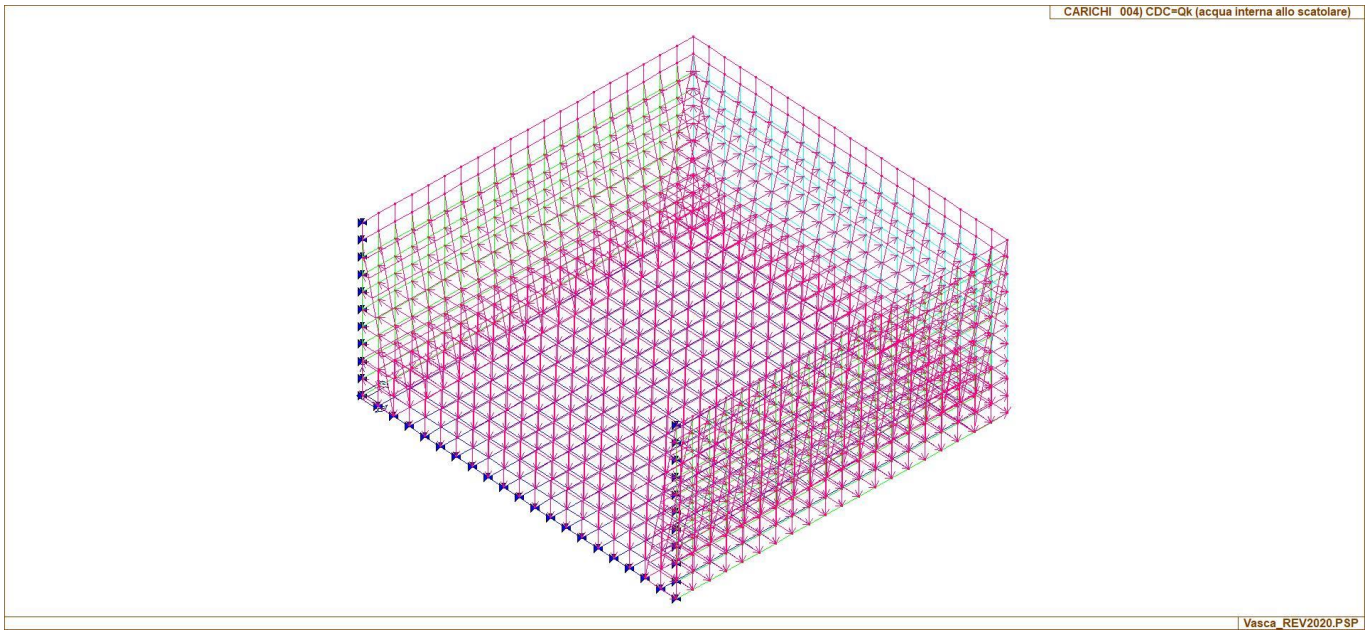
22_CDC_001_CDC=Gk1 (peso proprio della struttura)



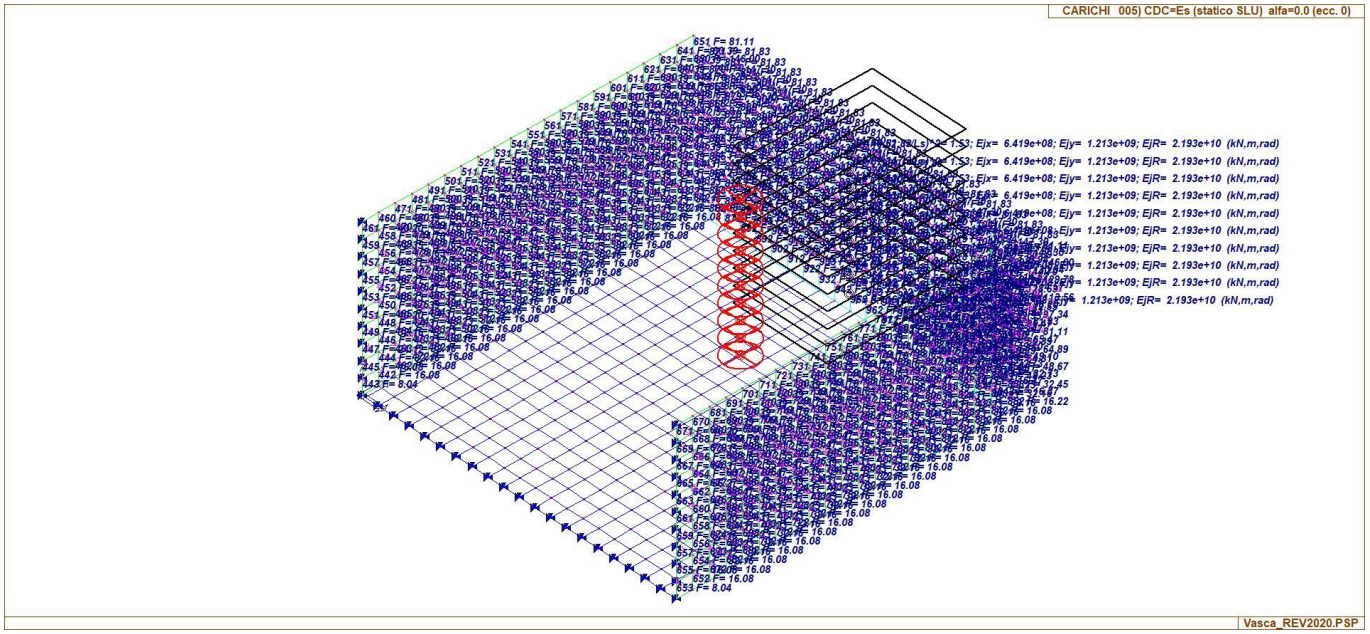
22_CDC_002_CDC=Gk1 (permanenti portati)



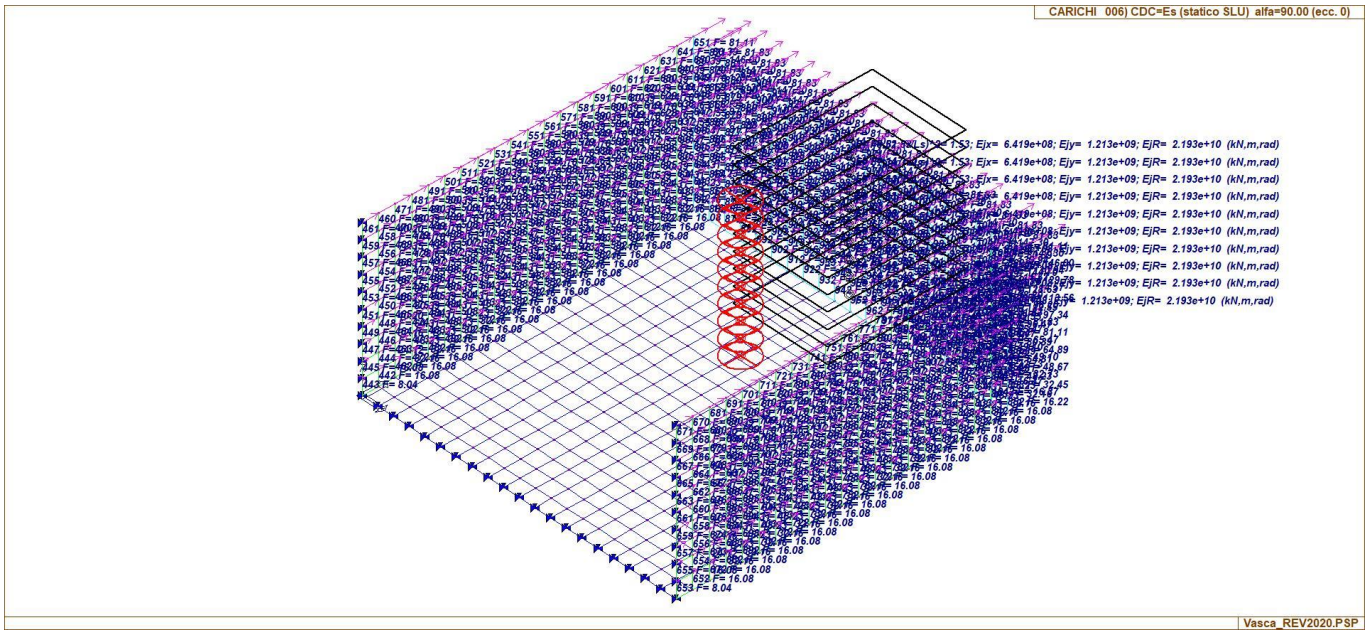
22_CDC_003_CDC=Gk1 (spinta a riposo)



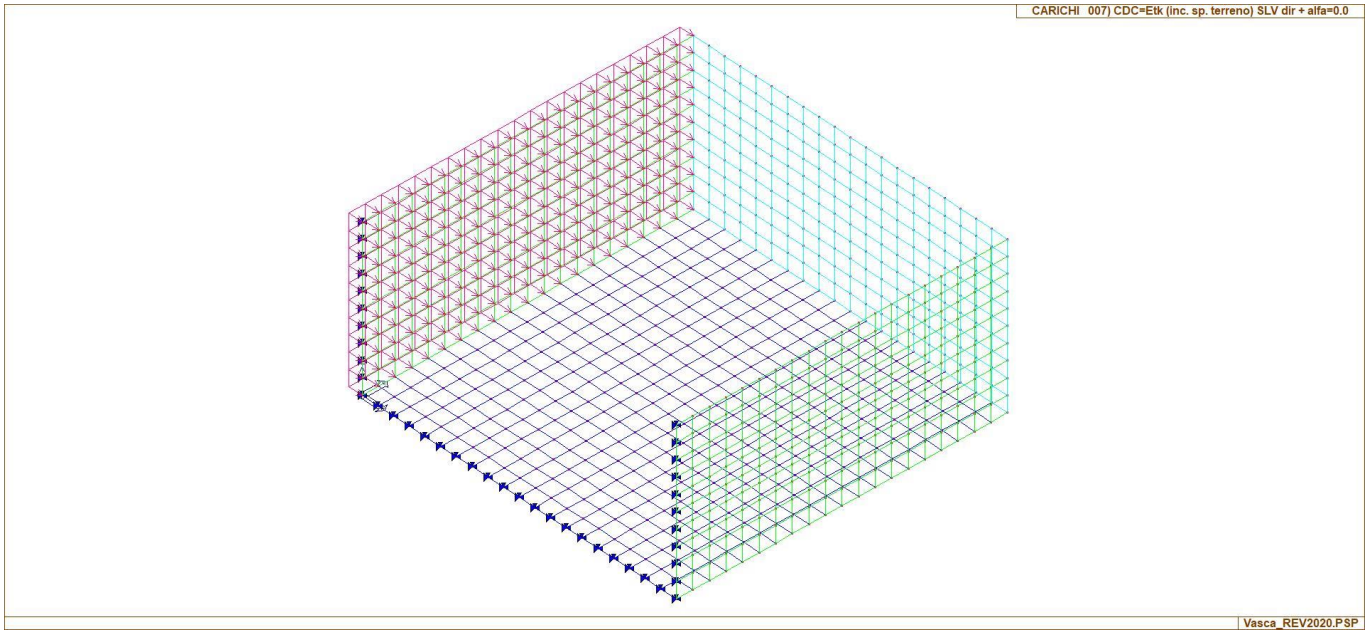
22_CDC_004_CDC=Qk (acqua interna allo scatolare)



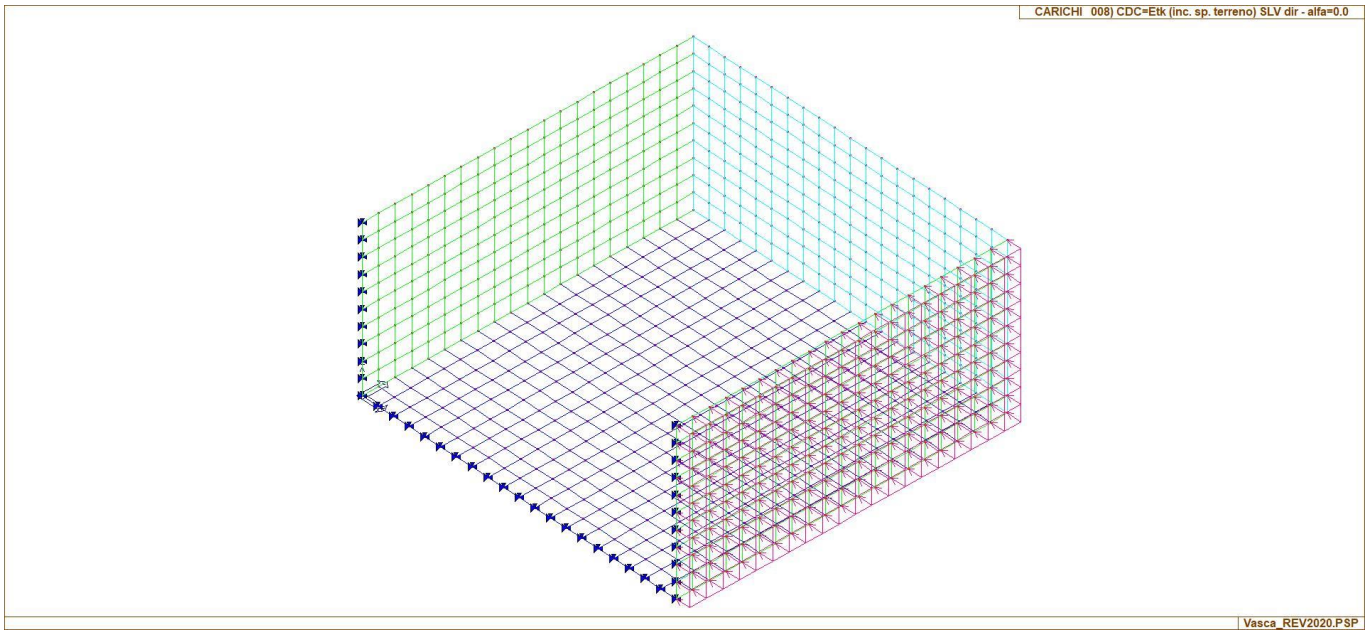
22_CDC_005_CDC=Es (statico SLU) alfa=0.0 (ecc. 0)



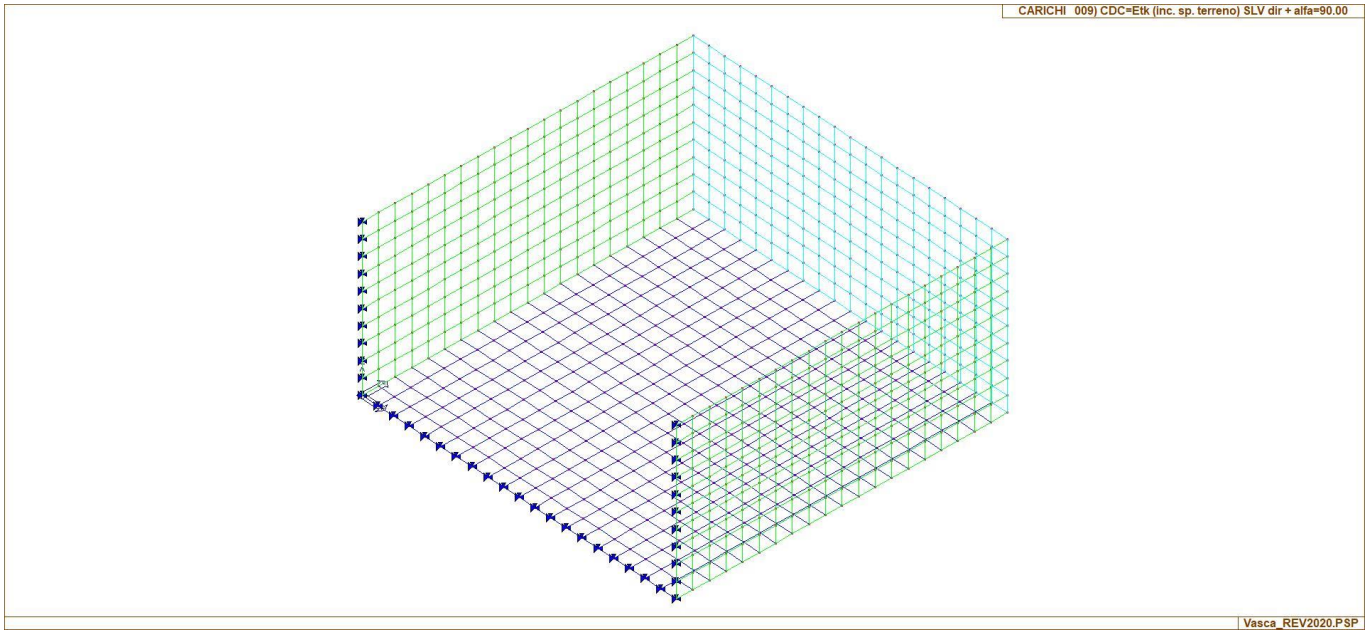
22_CDC_006_CDC=Es (statico SLU) alfa=90.00 (ecc. 0)



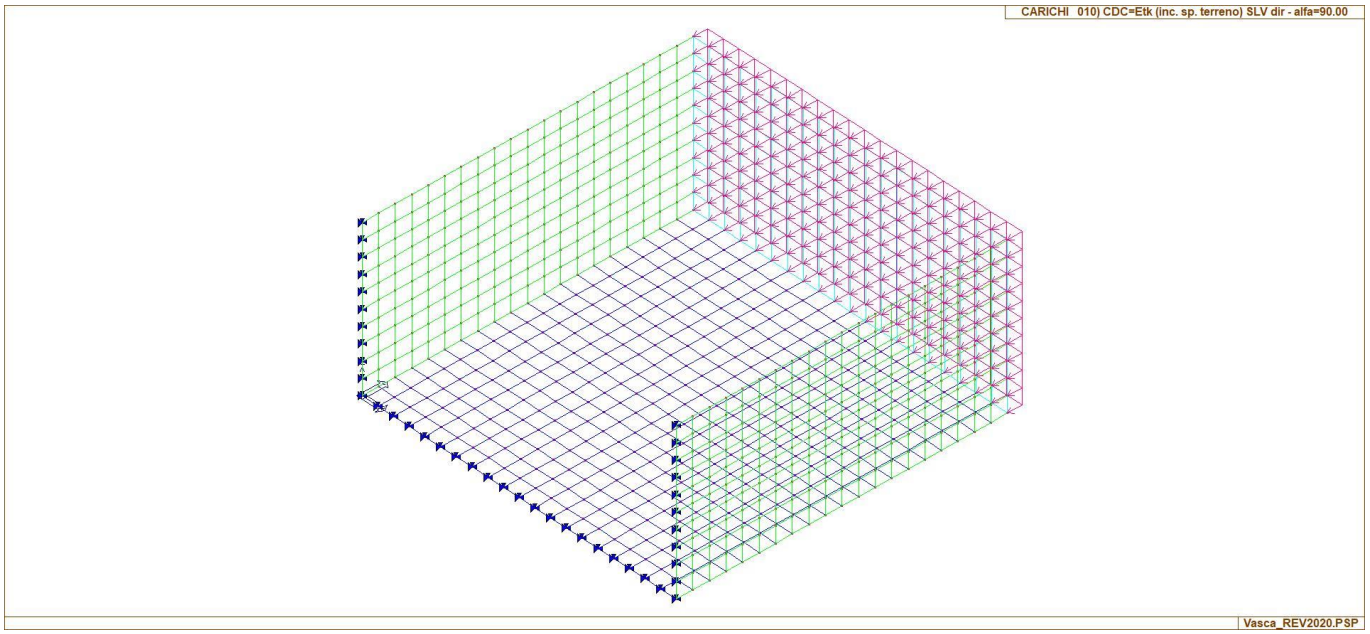
22_CDC_007_CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0



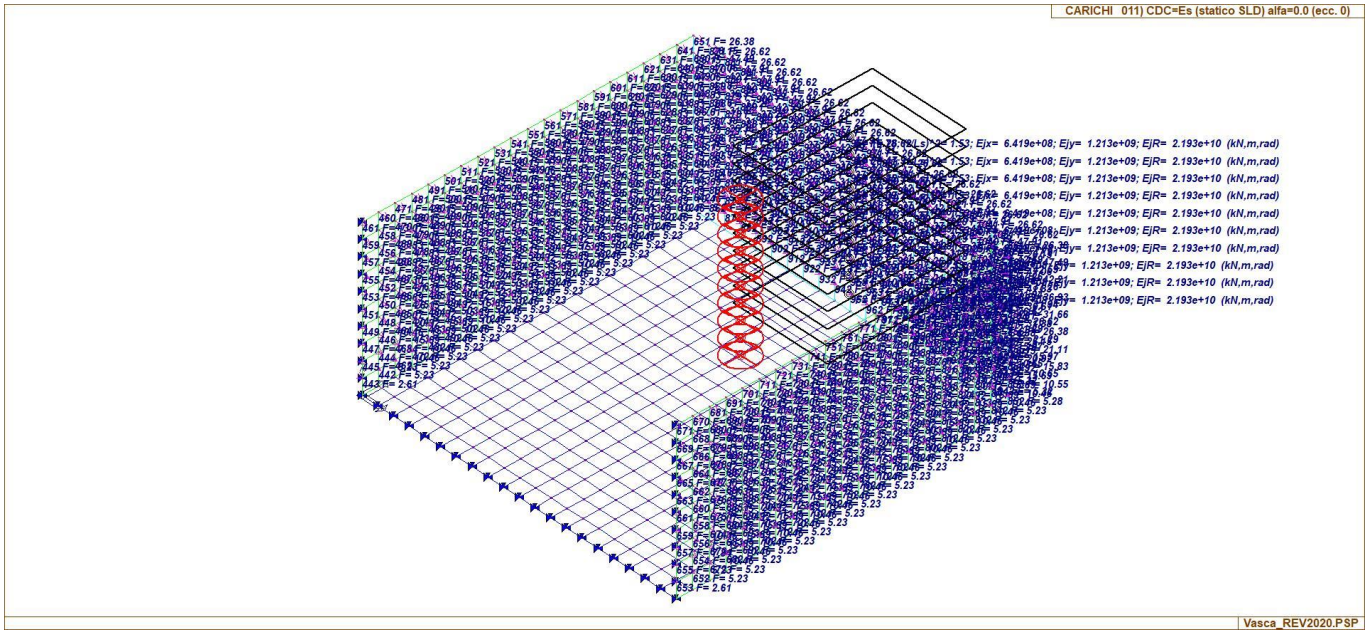
22_CDC_008_CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0



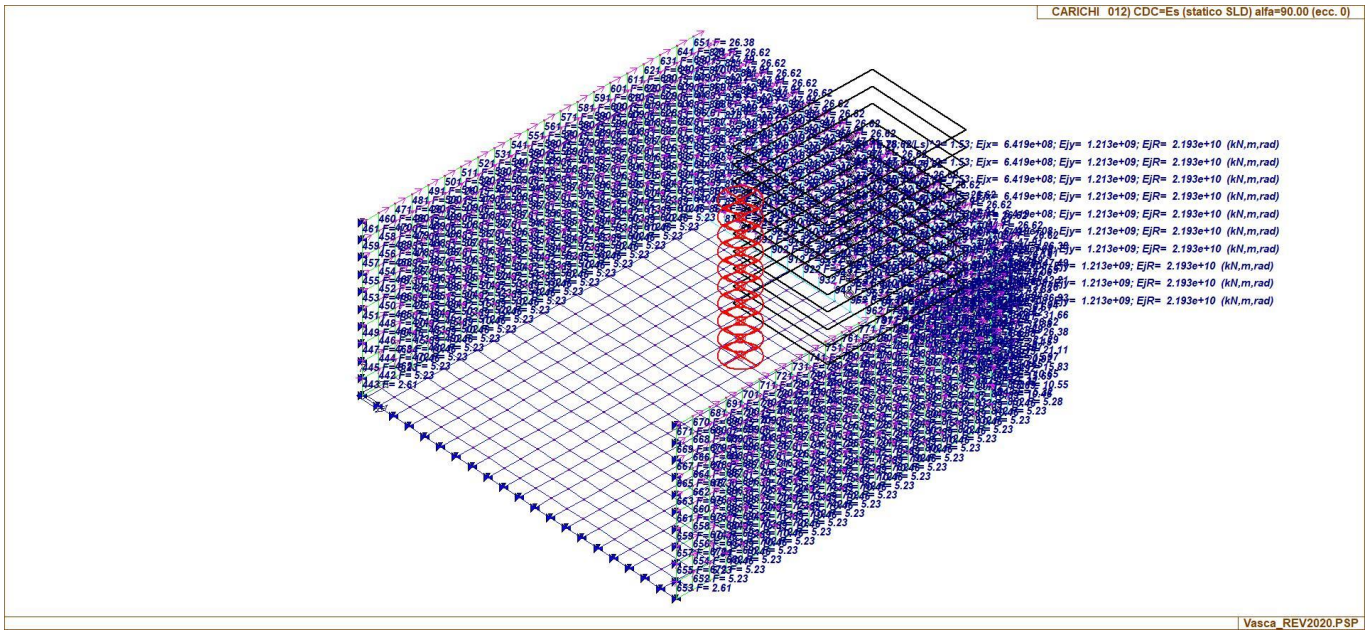
22_CDC_009_CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00



22_CDC_010_CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00



22_CDC_011_CDC=Es (statico SLD) alfa=0.0 (ecc. 0)



22_CDC_012_CDC=Es (statico SLD) alfa=90.00 (ecc. 0)

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente.
Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

***Combinazione fondamentale** SLU*

$\gamma G1 \cdot G1 + \gamma G2 \cdot G2 + \gamma P \cdot P + \gamma Q1 \cdot Qk1 + \gamma Q2 \cdot \psi 02 \cdot Qk2 + \gamma Q3 \cdot \psi 03 \cdot Qk3 + \ldots$

***Combinazione caratteristica** (rara) SLE*

$G_1 + G_2 + P + Qk1 + \psi 02 \cdot Qk2 + \psi 03 \cdot Qk3 + \ldots$

***Combinazione frequente** SLE*

$G_1 + G_2 + P + \psi 11 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione quasi permanente** SLE*

$G1 + G2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \psi 23 \cdot Qk3 + \ldots$

***Combinazione sismica**, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E*

$E + G_1 + G_2 + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

***Combinazione eccezionale**, impiegata per gli stati limite connessi alle azioni eccezionali*

$G_1 + G_2 + A_d + P + \psi 21 \cdot Qk1 + \psi 22 \cdot Qk2 + \ldots$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	***ψ0***	***ψ1***	***ψ2***
Categoria A residenziali	*0,70*	*0,50*	*0,30*
Categoria B uffici	*0,70*	*0,50*	*0,30*
Categoria C ambienti suscettibili di affollamento	*0,70*	*0,70*	*0,60*
Categoria D ambienti ad uso commerciale	*0,70*	*0,70*	*0,60*
Categoria E biblioteche, archivi, magazzini,…	*1,00*	*0,90*	*0,80*
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	*0,70*	*0,70*	*0,60*
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	*0,70*	*0,50*	*0,30*
Categoria H Coperture	*0,00*	*0,00*	*0,00*
Vento	*0,60*	*0,20*	*0,00*
Neve a quota <= 1000 m	*0,50*	*0,20*	*0,00*
Neve a quota > 1000 m	*0,70*	*0,50*	*0,20*
Variazioni Termiche	*0,60*	*0,50*	*0,00*

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:
- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

		Coefficiente γf	***EQU***	***A1***	***A2***
Carichi permanenti	*Favorevoli* *Sfavorevoli*	$\gamma G1$	*0,9* *1,1*	*1,0* *1,3*	*1,0* *1,0*
Carichi permanenti non strutturali *(Non compiutamente definiti)*	*Favorevoli* *Sfavorevoli*	$\gamma G2$	*0,8* *1,5*	*0,8* *1,5*	*0,8* *1,3*
Carichi variabili	*Favorevoli* *Sfavorevoli*	γQi	*0,0* *1,5*	*0,0* *1,5*	*0,0* *1,3*

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 (SLV sism.) 5	

Cmb	Tipo	Sigla Id	effetto P-delta
6	SLU	Comb. SLU A1 (SLV sism.) 6	
7	SLU	Comb. SLU A1 (SLV sism.) 7	
8	SLU	Comb. SLU A1 (SLV sism.) 8	
9	SLU	Comb. SLU A1 (SLV sism.) 9	
10	SLU	Comb. SLU A1 (SLV sism.) 10	
11	SLU	Comb. SLU A1 (SLV sism.) 11	
12	SLU	Comb. SLU A1 (SLV sism.) 12	
13	SLD(sis)	Comb. SLE (SLD Danno sism.) 13	
14	SLD(sis)	Comb. SLE (SLD Danno sism.) 14	
15	SLD(sis)	Comb. SLE (SLD Danno sism.) 15	
16	SLD(sis)	Comb. SLE (SLD Danno sism.) 16	
17	SLD(sis)	Comb. SLE (SLD Danno sism.) 17	
18	SLD(sis)	Comb. SLE (SLD Danno sism.) 18	
19	SLD(sis)	Comb. SLE (SLD Danno sism.) 19	
20	SLD(sis)	Comb. SLE (SLD Danno sism.) 20	
21	SLE(f)	Comb. SLE(freq.) 21	
22	SLE(f)	Comb. SLE(freq.) 22	
23	SLE(p)	Comb. SLE(perm.) 23	
24	SLE(p)	Comb. SLE(perm.) 24	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	1.30	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	1.00	1.00	1.00	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	1.00	1.00	1.00	0.80	-1.00	-0.30	0.0	1.00	0.0	0.30	0.0	0.0		
6	1.00	1.00	1.00	0.80	-1.00	0.30	0.0	1.00	0.30	0.0	0.0	0.0		
7	1.00	1.00	1.00	0.80	1.00	-0.30	1.00	0.0	0.0	0.30	0.0	0.0		
8	1.00	1.00	1.00	0.80	1.00	0.30	1.00	0.0	0.30	0.0	0.0	0.0		
9	1.00	1.00	1.00	0.80	-0.30	-1.00	0.0	0.30	0.0	1.00	0.0	0.0		
10	1.00	1.00	1.00	0.80	-0.30	1.00	0.0	0.30	1.00	0.0	0.0	0.0		
11	1.00	1.00	1.00	0.80	0.30	-1.00	0.30	0.0	0.0	1.00	0.0	0.0		
12	1.00	1.00	1.00	0.80	0.30	1.00	0.30	0.0	1.00	0.0	0.0	0.0		
13	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	-0.30		
14	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.30		
15	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	1.00	-0.30		
16	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30		
17	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	-1.00		
18	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	-0.30	1.00		
19	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.30	-1.00		
20	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.30	1.00		
21	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	1.00	1.00	1.00	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	1.00	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		

RISULTATI NODALI

LEGENDA RISULTATI NODALI

Il controllo dei risultati delle analisi condotte, per quanto concerne i nodi strutturali, è possibile in relazione alle tabelle sottoriportate.

Una prima tabella riporta infatti per ogni nodo e per ogni combinazione (o caso di carico) gli spostamenti nodali.

Una seconda tabella riporta per ogni nodo a cui sia associato un vincolo rigido e/o elastico o una fondazione speciale e per ogni combinazione (o caso di carico) i valori delle azioni esercitate dalla struttura sui vincoli (reazioni vincolari cambiate di segno).

Una terza tabella, infine riassume per ogni nodo le sei combinazioni in cui si attingono i valori minimi e massimi della reazione Fz, della reazione Mx e della reazione My.

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	2	0.0	0.0	0.0	-8.05e-05	3.06e-05	-4.21e-05
1	4	0.0	0.0	0.0	-9.09e-05	3.09e-05	-3.53e-05
1	5	0.0	0.0	0.0	-4.31e-05	8.81e-06	0.0
1	6	0.0	0.0	0.0	-4.35e-05	9.27e-06	0.0
1	8	0.0	0.0	0.0	-3.22e-05	4.12e-05	-8.52e-05
1	13	0.0	0.0	0.0	-3.39e-05	1.36e-05	-2.28e-05
1	14	0.0	0.0	0.0	-3.40e-05	1.37e-05	-2.29e-05
1	22	0.0	0.0	0.0	-4.07e-05	1.81e-05	-3.02e-05
1	23	0.0	0.0	0.0	3.46e-05	-1.04e-06	-2.26e-05
1	24	0.0	0.0	0.0	-3.23e-05	1.60e-05	-2.94e-05
2	1	0.0	0.0	0.0	8.39e-05	-2.83e-05	0.0
2	2	0.0	0.0	0.0	-1.36e-04	3.24e-05	0.0
2	4	0.0	0.0	0.0	-1.55e-04	3.89e-05	0.0
2	5	0.0	0.0	0.0	-5.50e-05	6.19e-06	0.0
2	7	0.0	0.0	0.0	-8.48e-05	2.83e-05	0.0
2	8	0.0	0.0	0.0	-8.58e-05	2.87e-05	0.0
2	13	0.0	0.0	0.0	-5.11e-05	8.93e-06	0.0
2	15	0.0	0.0	0.0	-5.39e-05	1.22e-05	0.0
2	16	0.0	0.0	0.0	-5.41e-05	1.23e-05	0.0
2	21	0.0	0.0	0.0	6.46e-05	-2.18e-05	0.0
2	22	0.0	0.0	0.0	-6.73e-05	1.46e-05	0.0
2	23	0.0	0.0	0.0	6.46e-05	-2.18e-05	0.0
2	24	0.0	0.0	0.0	-5.26e-05	1.06e-05	0.0
3	2	5.72e-04	-1.32e-03	-5.87e-03	-1.35e-04	7.77e-05	0.0
3	4	4.60e-04	-1.39e-03	-6.61e-03	-1.55e-04	9.27e-05	0.0
3	5	-2.91e-04	-1.79e-03	-2.40e-03	-5.67e-05	1.50e-05	0.0
3	8	1.32e-03	5.90e-04	-4.02e-03	-8.21e-05	7.07e-05	0.0
3	13	2.90e-04	-8.49e-04	-2.30e-03	-5.13e-05	2.20e-05	0.0
3	16	5.50e-04	-3.94e-04	-2.47e-03	-5.34e-05	3.03e-05	0.0
3	22	4.26e-04	-7.32e-04	-2.99e-03	-6.70e-05	3.56e-05	0.0
3	23	3.75e-04	2.62e-04	2.45e-03	6.49e-05	-4.99e-05	0.0
3	24	4.20e-04	-6.22e-04	-2.38e-03	-5.24e-05	2.61e-05	0.0
4	1	7.18e-04	1.03e-03	1.28e-03	4.85e-05	-3.56e-06	-2.97e-05
4	4	2.67e-04	-2.07e-03	-2.44e-03	-9.99e-05	8.65e-05	-3.96e-05
4	5	-4.47e-04	-2.44e-03	-1.52e-03	-4.75e-05	2.47e-05	0.0
4	6	-4.30e-04	-2.42e-03	-1.52e-03	-4.83e-05	2.59e-05	0.0
4	8	1.46e-03	1.16e-03	-4.48e-06	-3.74e-05	1.15e-04	-9.37e-05
4	13	2.44e-04	-1.07e-03	-9.90e-04	-3.75e-05	3.82e-05	-2.44e-05
4	16	5.57e-04	-4.02e-04	-7.00e-04	-3.43e-05	5.15e-05	-3.91e-05
4	21	5.53e-04	7.89e-04	9.83e-04	3.73e-05	-2.74e-06	-2.28e-05
4	22	3.81e-04	-9.29e-04	-1.07e-03	-4.51e-05	5.08e-05	-3.29e-05
4	23	5.53e-04	7.89e-04	9.83e-04	3.73e-05	-2.74e-06	-2.28e-05
5	2	0.0	0.0	0.0	-2.17e-04	3.18e-05	0.0
5	4	0.0	0.0	0.0	-2.57e-04	4.18e-05	0.0
5	5	0.0	0.0	0.0	-6.86e-05	4.32e-06	0.0
5	8	0.0	0.0	0.0	-1.49e-04	1.97e-05	0.0
5	13	0.0	0.0	0.0	-7.02e-05	5.60e-06	0.0
5	16	0.0	0.0	0.0	-8.06e-05	7.92e-06	0.0
5	22	0.0	0.0	0.0	-1.01e-04	1.18e-05	0.0
5	24	0.0	0.0	0.0	-7.54e-05	6.76e-06	0.0
6	2	5.66e-04	-1.09e-03	-9.13e-03	-2.14e-04	6.71e-05	0.0
6	4	4.75e-04	-1.12e-03	-0.01	-2.53e-04	8.92e-05	0.0
6	5	-2.87e-04	-1.48e-03	-2.90e-03	-6.95e-05	8.46e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
6	8	1.25e-03	3.64e-04	-6.38e-03	-1.45e-04	3.95e-05	0.0
6	13	2.70e-04	-7.36e-04	-2.99e-03	-6.98e-05	1.09e-05	0.0
6	16	5.18e-04	-3.79e-04	-3.44e-03	-7.94e-05	1.56e-05	0.0
6	21	3.01e-04	8.46e-05	5.40e-03	1.29e-04	-7.34e-05	0.0
6	22	4.06e-04	-6.38e-04	-4.29e-03	-1.00e-04	2.41e-05	0.0
6	23	3.01e-04	8.46e-05	5.40e-03	1.29e-04	-7.34e-05	0.0
6	24	3.94e-04	-5.58e-04	-3.22e-03	-7.46e-05	1.33e-05	0.0
7	2	0.0	0.0	0.0	-2.84e-04	2.61e-05	0.0
7	4	0.0	0.0	0.0	-3.49e-04	3.74e-05	0.0
7	5	0.0	0.0	0.0	-7.59e-05	2.40e-06	0.0
7	8	0.0	0.0	0.0	-1.79e-04	8.48e-06	0.0
7	13	0.0	0.0	0.0	-7.80e-05	1.93e-06	0.0
7	16	0.0	0.0	0.0	-9.20e-05	2.91e-06	0.0
7	22	0.0	0.0	0.0	-1.23e-04	7.42e-06	0.0
7	23	0.0	0.0	0.0	2.17e-04	-3.76e-05	0.0
7	24	0.0	0.0	0.0	-8.50e-05	2.42e-06	0.0
8	2	5.21e-04	-9.45e-04	-0.01	-2.78e-04	5.69e-05	0.0
8	4	4.46e-04	-9.41e-04	-0.01	-3.41e-04	8.16e-05	0.0
8	5	-3.23e-04	-1.25e-03	-3.19e-03	-7.64e-05	5.06e-06	0.0
8	8	1.19e-03	2.17e-04	-7.59e-03	-1.75e-04	1.82e-05	0.0
8	13	2.33e-04	-6.52e-04	-3.30e-03	-7.75e-05	4.04e-06	0.0
8	16	4.77e-04	-3.64e-04	-3.89e-03	-9.07e-05	6.17e-06	0.0
8	21	2.50e-04	-1.28e-05	9.01e-03	2.10e-04	-8.24e-05	0.0
8	22	3.68e-04	-5.70e-04	-5.17e-03	-1.21e-04	1.60e-05	0.0
8	23	2.50e-04	-1.28e-05	9.01e-03	2.10e-04	-8.24e-05	0.0
8	24	3.55e-04	-5.08e-04	-3.59e-03	-8.41e-05	5.11e-06	0.0
9	1	0.0	0.0	0.0	3.97e-04	-4.86e-05	0.0
9	2	0.0	0.0	0.0	-3.40e-04	2.17e-05	0.0
9	5	0.0	0.0	0.0	-8.04e-05	1.73e-06	0.0
9	8	0.0	0.0	0.0	-1.90e-04	1.87e-06	0.0
9	13	0.0	0.0	0.0	-7.99e-05	0.0	0.0
9	16	0.0	0.0	0.0	-9.50e-05	0.0	0.0
9	21	0.0	0.0	0.0	3.06e-04	-3.74e-05	0.0
9	22	0.0	0.0	0.0	-1.37e-04	4.77e-06	0.0
9	23	0.0	0.0	0.0	3.06e-04	-3.74e-05	0.0
9	24	0.0	0.0	0.0	-8.75e-05	0.0	0.0
10	2	4.65e-04	-8.39e-04	-0.01	-3.33e-04	4.70e-05	0.0
10	4	4.02e-04	-8.17e-04	-0.02	-4.21e-04	7.16e-05	0.0
10	5	-3.73e-04	-1.07e-03	-3.36e-03	-8.09e-05	3.61e-06	0.0
10	8	1.13e-03	1.06e-04	-8.01e-03	-1.86e-04	3.65e-06	0.0
10	13	1.89e-04	-5.85e-04	-3.36e-03	-7.96e-05	0.0	0.0
10	16	4.33e-04	-3.54e-04	-4.00e-03	-9.40e-05	0.0	0.0
10	21	2.07e-04	-7.17e-05	0.01	2.95e-04	-8.18e-05	0.0
10	22	3.24e-04	-5.19e-04	-5.73e-03	-1.35e-04	1.02e-05	0.0
10	23	2.07e-04	-7.17e-05	0.01	2.95e-04	-8.18e-05	0.0
10	24	3.11e-04	-4.69e-04	-3.68e-03	-8.68e-05	0.0	0.0
11	1	0.0	0.0	0.0	5.07e-04	-4.46e-05	0.0
11	2	0.0	0.0	0.0	-3.85e-04	1.74e-05	0.0
11	5	0.0	0.0	0.0	-8.42e-05	1.68e-06	0.0
11	8	0.0	0.0	0.0	-1.89e-04	-2.47e-06	0.0
11	13	0.0	0.0	0.0	-7.85e-05	0.0	0.0
11	16	0.0	0.0	0.0	-9.30e-05	-1.50e-06	0.0
11	21	0.0	0.0	0.0	3.90e-04	-3.43e-05	0.0
11	22	0.0	0.0	0.0	-1.45e-04	2.89e-06	0.0
11	23	0.0	0.0	0.0	3.90e-04	-3.43e-05	0.0
11	24	0.0	0.0	0.0	-8.58e-05	-1.24e-06	0.0
12	1	2.18e-04	-1.43e-04	0.02	4.90e-04	-9.73e-05	0.0
12	2	4.03e-04	-7.60e-04	-0.02	-3.77e-04	3.78e-05	0.0
12	5	-4.28e-04	-9.20e-04	-3.51e-03	-8.47e-05	3.57e-06	0.0
12	8	1.07e-03	1.28e-05	-7.92e-03	-1.85e-04	-5.65e-06	0.0
12	13	1.43e-04	-5.31e-04	-3.29e-03	-7.85e-05	-2.23e-06	0.0
12	16	3.89e-04	-3.47e-04	-3.90e-03	-9.24e-05	-3.39e-06	0.0
12	21	1.67e-04	-1.10e-04	0.02	3.77e-04	-7.49e-05	0.0
12	22	2.78e-04	-4.80e-04	-6.08e-03	-1.43e-04	6.20e-06	0.0
12	23	1.67e-04	-1.10e-04	0.02	3.77e-04	-7.49e-05	0.0
12	24	2.66e-04	-4.39e-04	-3.59e-03	-8.54e-05	-2.81e-06	0.0
13	1	0.0	0.0	0.0	6.04e-04	-3.80e-05	0.0
13	2	0.0	0.0	0.0	-4.21e-04	1.34e-05	0.0
13	5	0.0	0.0	0.0	-8.84e-05	2.07e-06	0.0
13	8	0.0	0.0	0.0	-1.79e-04	-5.06e-06	0.0
13	13	0.0	0.0	0.0	-7.56e-05	-1.33e-06	0.0
13	16	0.0	0.0	0.0	-8.83e-05	-2.29e-06	0.0
13	21	0.0	0.0	0.0	4.65e-04	-2.92e-05	0.0
13	22	0.0	0.0	0.0	-1.50e-04	1.61e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
13	23	0.0	0.0	0.0	4.65e-04	-2.92e-05	0.0
13	24	0.0	0.0	0.0	-8.20e-05	-1.81e-06	0.0
14	1	1.70e-04	-1.77e-04	0.03	5.85e-04	-8.29e-05	0.0
14	2	3.39e-04	-7.02e-04	-0.02	-4.12e-04	2.91e-05	0.0
14	5	-4.85e-04	-7.92e-04	-3.68e-03	-8.89e-05	4.46e-06	0.0
14	7	1.00e-03	-8.43e-05	-7.52e-03	-1.77e-04	-1.04e-05	0.0
14	8	1.02e-03	-7.05e-05	-7.50e-03	-1.77e-04	-1.12e-05	0.0
14	13	9.74e-05	-4.88e-04	-3.16e-03	-7.58e-05	-2.97e-06	0.0
14	16	3.44e-04	-3.45e-04	-3.69e-03	-8.80e-05	-5.07e-06	0.0
14	21	1.31e-04	-1.36e-04	0.02	4.50e-04	-6.37e-05	0.0
14	22	2.32e-04	-4.51e-04	-6.29e-03	-1.48e-04	3.45e-06	0.0
14	23	1.31e-04	-1.36e-04	0.02	4.50e-04	-6.37e-05	0.0
14	24	2.21e-04	-4.16e-04	-3.43e-03	-8.19e-05	-4.02e-06	0.0
15	1	0.0	0.0	0.0	6.83e-04	-2.97e-05	0.0
15	2	0.0	0.0	0.0	-4.48e-04	9.62e-06	0.0
15	5	0.0	0.0	0.0	-9.39e-05	2.73e-06	0.0
15	7	0.0	0.0	0.0	-1.67e-04	-6.08e-06	0.0
15	8	0.0	0.0	0.0	-1.65e-04	-6.38e-06	0.0
15	13	0.0	0.0	0.0	-7.25e-05	-1.24e-06	0.0
15	14	0.0	0.0	0.0	-7.25e-05	-1.28e-06	0.0
15	16	0.0	0.0	0.0	-8.26e-05	-2.49e-06	0.0
15	21	0.0	0.0	0.0	5.26e-04	-2.28e-05	0.0
15	22	0.0	0.0	0.0	-1.53e-04	0.0	0.0
15	23	0.0	0.0	0.0	5.26e-04	-2.28e-05	0.0
15	24	0.0	0.0	0.0	-7.75e-05	-1.87e-06	0.0
16	1	1.25e-04	-2.00e-04	0.03	6.62e-04	-6.48e-05	0.0
16	2	2.74e-04	-6.62e-04	-0.02	-4.38e-04	2.09e-05	0.0
16	5	-5.42e-04	-6.80e-04	-3.91e-03	-9.43e-05	5.92e-06	0.0
16	7	9.50e-04	-1.65e-04	-6.96e-03	-1.65e-04	-1.33e-05	0.0
16	8	9.61e-04	-1.50e-04	-6.92e-03	-1.64e-04	-1.40e-05	0.0
16	13	5.17e-05	-4.52e-04	-3.02e-03	-7.28e-05	-2.74e-06	0.0
16	15	2.98e-04	-3.49e-04	-3.45e-03	-8.26e-05	-5.38e-06	0.0
16	16	3.00e-04	-3.48e-04	-3.45e-03	-8.25e-05	-5.48e-06	0.0
16	21	9.65e-05	-1.54e-04	0.02	5.09e-04	-4.98e-05	0.0
16	22	1.86e-04	-4.31e-04	-6.39e-03	-1.51e-04	1.60e-06	0.0
16	23	9.65e-05	-1.54e-04	0.02	5.09e-04	-4.98e-05	0.0
16	24	1.76e-04	-4.00e-04	-3.23e-03	-7.77e-05	-4.11e-06	0.0
17	1	0.0	0.0	0.0	7.42e-04	-2.03e-05	0.0
17	2	0.0	0.0	0.0	-4.66e-04	6.03e-06	0.0
17	5	0.0	0.0	0.0	-1.01e-04	3.53e-06	0.0
17	6	0.0	0.0	0.0	-9.95e-05	3.31e-06	0.0
17	8	0.0	0.0	0.0	-1.50e-04	-6.80e-06	0.0
17	13	0.0	0.0	0.0	-7.00e-05	0.0	0.0
17	14	0.0	0.0	0.0	-6.98e-05	0.0	0.0
17	16	0.0	0.0	0.0	-7.69e-05	-2.29e-06	0.0
17	21	0.0	0.0	0.0	5.71e-04	-1.56e-05	0.0
17	22	0.0	0.0	0.0	-1.54e-04	0.0	0.0
17	23	0.0	0.0	0.0	5.71e-04	-1.56e-05	0.0
17	24	0.0	0.0	0.0	-7.34e-05	-1.57e-06	0.0
18	1	8.26e-05	-2.15e-04	0.03	7.19e-04	-4.43e-05	0.0
18	2	2.09e-04	-6.36e-04	-0.02	-4.56e-04	1.31e-05	0.0
18	5	-5.98e-04	-5.81e-04	-4.21e-03	-1.01e-04	7.68e-06	0.0
18	7	8.98e-04	-2.44e-04	-6.32e-03	-1.50e-04	-1.44e-05	0.0
18	8	9.05e-04	-2.28e-04	-6.25e-03	-1.49e-04	-1.49e-05	0.0
18	13	6.38e-06	-4.24e-04	-2.91e-03	-7.04e-05	-1.89e-06	0.0
18	15	2.54e-04	-3.57e-04	-3.21e-03	-7.72e-05	-4.95e-06	0.0
18	16	2.55e-04	-3.56e-04	-3.20e-03	-7.71e-05	-5.02e-06	0.0
18	21	6.35e-05	-1.66e-04	0.02	5.53e-04	-3.41e-05	0.0
18	22	1.39e-04	-4.18e-04	-6.43e-03	-1.52e-04	0.0	0.0
18	23	6.35e-05	-1.66e-04	0.02	5.53e-04	-3.41e-05	0.0
18	24	1.31e-04	-3.90e-04	-3.06e-03	-7.38e-05	-3.45e-06	0.0
19	1	0.0	0.0	0.0	7.78e-04	-1.03e-05	0.0
19	2	0.0	0.0	0.0	-4.76e-04	2.57e-06	0.0
19	5	0.0	0.0	0.0	-1.10e-04	4.36e-06	0.0
19	8	0.0	0.0	0.0	-1.34e-04	-6.59e-06	0.0
19	10	0.0	0.0	0.0	-8.09e-05	0.0	0.0
19	13	0.0	0.0	0.0	-6.86e-05	0.0	0.0
19	14	0.0	0.0	0.0	-6.84e-05	0.0	0.0
19	16	0.0	0.0	0.0	-7.20e-05	-1.82e-06	0.0
19	21	0.0	0.0	0.0	5.98e-04	-7.92e-06	0.0
19	22	0.0	0.0	0.0	-1.54e-04	0.0	0.0
19	23	0.0	0.0	0.0	5.98e-04	-7.92e-06	0.0
19	24	0.0	0.0	0.0	-7.03e-05	-1.06e-06	0.0
20	1	4.10e-05	-2.24e-04	0.03	7.54e-04	-2.25e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
20	2	1.44e-04	-6.24e-04	-0.02	-4.66e-04	5.59e-06	0.0
20	5	-6.53e-04	-4.91e-04	-4.60e-03	-1.10e-04	9.50e-06	0.0
20	7	8.45e-04	-3.25e-04	-5.67e-03	-1.35e-04	-1.41e-05	0.0
20	8	8.48e-04	-3.08e-04	-5.58e-03	-1.33e-04	-1.44e-05	0.0
20	13	-3.84e-05	-4.03e-04	-2.85e-03	-6.91e-05	0.0	0.0
20	15	2.10e-04	-3.69e-04	-3.01e-03	-7.26e-05	-3.95e-06	0.0
20	16	2.11e-04	-3.68e-04	-3.00e-03	-7.24e-05	-3.98e-06	0.0
20	21	3.15e-05	-1.72e-04	0.03	5.80e-04	-1.73e-05	0.0
20	22	9.31e-05	-4.12e-04	-6.42e-03	-1.52e-04	0.0	0.0
20	23	3.15e-05	-1.72e-04	0.03	5.80e-04	-1.73e-05	0.0
20	24	8.62e-05	-3.86e-04	-2.93e-03	-7.08e-05	-2.32e-06	0.0
21	1	0.0	0.0	0.0	7.90e-04	0.0	0.0
21	2	0.0	0.0	0.0	-4.78e-04	0.0	0.0
21	4	0.0	0.0	0.0	-6.60e-04	0.0	0.0
21	8	0.0	0.0	0.0	-1.19e-04	-5.96e-06	0.0
21	11	0.0	0.0	0.0	-9.03e-05	-2.09e-06	0.0
21	12	0.0	0.0	0.0	-8.28e-05	-2.09e-06	0.0
21	16	0.0	0.0	0.0	-6.84e-05	-1.20e-06	0.0
21	19	0.0	0.0	0.0	-6.88e-05	0.0	0.0
21	20	0.0	0.0	0.0	-6.82e-05	0.0	0.0
21	21	0.0	0.0	0.0	6.08e-04	0.0	0.0
21	22	0.0	0.0	0.0	-1.53e-04	0.0	0.0
21	23	0.0	0.0	0.0	6.08e-04	0.0	0.0
21	24	0.0	0.0	0.0	-6.85e-05	0.0	0.0
22	1	0.0	-2.26e-04	0.03	7.66e-04	0.0	0.0
22	2	7.83e-05	-6.25e-04	-0.02	-4.68e-04	-1.77e-06	0.0
22	4	7.83e-05	-5.73e-04	-0.03	-6.45e-04	-1.77e-06	0.0
22	5	-7.08e-04	-4.09e-04	-5.06e-03	-1.21e-04	1.11e-05	0.0
22	8	7.91e-04	-3.93e-04	-4.97e-03	-1.19e-04	-1.30e-05	0.0
22	11	2.67e-04	-4.40e-04	-3.77e-03	-9.09e-05	-4.56e-06	0.0
22	16	1.66e-04	-3.86e-04	-2.85e-03	-6.89e-05	-2.63e-06	0.0
22	17	4.39e-06	-3.89e-04	-2.87e-03	-6.94e-05	0.0	0.0
22	19	7.91e-05	-3.89e-04	-2.87e-03	-6.94e-05	-1.45e-06	0.0
22	21	0.0	-1.74e-04	0.03	5.89e-04	0.0	0.0
22	22	4.70e-05	-4.13e-04	-6.39e-03	-1.51e-04	-1.06e-06	0.0
22	23	0.0	-1.74e-04	0.03	5.89e-04	0.0	0.0
22	24	4.18e-05	-3.87e-04	-2.85e-03	-6.91e-05	0.0	0.0
23	1	0.0	0.0	0.0	7.78e-04	1.03e-05	0.0
23	2	0.0	0.0	0.0	-4.72e-04	-4.16e-06	0.0
23	6	0.0	0.0	0.0	-1.32e-04	5.74e-06	0.0
23	7	0.0	0.0	0.0	-1.08e-04	-5.21e-06	0.0
23	12	0.0	0.0	0.0	-7.89e-05	-1.30e-06	0.0
23	14	0.0	0.0	0.0	-7.00e-05	0.0	0.0
23	15	0.0	0.0	0.0	-6.66e-05	0.0	0.0
23	16	0.0	0.0	0.0	-6.64e-05	0.0	0.0
23	21	0.0	0.0	0.0	5.98e-04	7.92e-06	0.0
23	22	0.0	0.0	0.0	-1.52e-04	0.0	0.0
23	23	0.0	0.0	0.0	5.98e-04	7.92e-06	0.0
23	24	0.0	0.0	0.0	-6.83e-05	0.0	0.0
24	1	-4.10e-05	-2.24e-04	0.03	7.54e-04	2.25e-05	0.0
24	2	1.30e-05	-6.40e-04	-0.02	-4.63e-04	-9.05e-06	0.0
24	5	-7.61e-04	-3.33e-04	-5.59e-03	-1.34e-04	1.23e-05	0.0
24	6	-7.65e-04	-3.17e-04	-5.50e-03	-1.31e-04	1.26e-05	0.0
24	7	7.37e-04	-5.00e-04	-4.51e-03	-1.09e-04	-1.13e-05	0.0
24	13	-1.27e-04	-3.78e-04	-2.92e-03	-7.06e-05	2.10e-06	0.0
24	14	-1.27e-04	-3.77e-04	-2.91e-03	-7.04e-05	2.14e-06	0.0
24	15	1.22e-04	-4.11e-04	-2.77e-03	-6.72e-05	-1.19e-06	0.0
24	21	-3.15e-05	-1.72e-04	0.03	5.80e-04	1.73e-05	0.0
24	22	0.0	-4.22e-04	-6.33e-03	-1.50e-04	-1.63e-06	0.0
24	23	-3.15e-05	-1.72e-04	0.03	5.80e-04	1.73e-05	0.0
24	24	-2.75e-06	-3.94e-04	-2.84e-03	-6.88e-05	0.0	0.0
25	1	0.0	0.0	0.0	7.42e-04	2.03e-05	0.0
25	2	0.0	0.0	0.0	-4.58e-04	-7.52e-06	0.0
25	6	0.0	0.0	0.0	-1.46e-04	6.01e-06	0.0
25	7	0.0	0.0	0.0	-9.73e-05	-4.33e-06	0.0
25	8	0.0	0.0	0.0	-9.56e-05	-4.10e-06	0.0
25	14	0.0	0.0	0.0	-7.29e-05	1.50e-06	0.0
25	15	0.0	0.0	0.0	-6.60e-05	0.0	0.0
25	16	0.0	0.0	0.0	-6.59e-05	0.0	0.0
25	21	0.0	0.0	0.0	5.71e-04	1.56e-05	0.0
25	22	0.0	0.0	0.0	-1.50e-04	-1.07e-06	0.0
25	23	0.0	0.0	0.0	5.71e-04	1.56e-05	0.0
25	24	0.0	0.0	0.0	-6.95e-05	0.0	0.0
26	1	-8.26e-05	-2.15e-04	0.03	7.19e-04	4.43e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
26	2	-5.24e-05	-6.68e-04	-0.02	-4.49e-04	-1.64e-05	0.0
26	5	-8.14e-04	-2.61e-04	-6.16e-03	-1.47e-04	1.27e-05	0.0
26	6	-8.22e-04	-2.45e-04	-6.09e-03	-1.45e-04	1.32e-05	0.0
26	7	6.81e-04	-5.98e-04	-4.05e-03	-9.77e-05	-9.41e-06	0.0
26	13	-1.71e-04	-3.73e-04	-3.04e-03	-7.34e-05	3.21e-06	0.0
26	14	-1.72e-04	-3.73e-04	-3.04e-03	-7.33e-05	3.29e-06	0.0
26	15	7.71e-05	-4.41e-04	-2.75e-03	-6.66e-05	0.0	0.0
26	21	-6.35e-05	-1.66e-04	0.02	5.53e-04	3.41e-05	0.0
26	22	-4.54e-05	-4.37e-04	-6.24e-03	-1.48e-04	-2.32e-06	0.0
26	23	-6.35e-05	-1.66e-04	0.02	5.53e-04	3.41e-05	0.0
26	24	-4.74e-05	-4.07e-04	-2.89e-03	-6.99e-05	1.72e-06	0.0
27	1	0.0	0.0	0.0	6.83e-04	2.97e-05	0.0
27	2	0.0	0.0	0.0	-4.37e-04	-1.09e-05	0.0
27	5	0.0	0.0	0.0	-1.61e-04	5.38e-06	0.0
27	6	0.0	0.0	0.0	-1.60e-04	5.68e-06	0.0
27	7	0.0	0.0	0.0	-8.83e-05	-3.43e-06	0.0
27	14	0.0	0.0	0.0	-7.69e-05	1.80e-06	0.0
27	15	0.0	0.0	0.0	-6.68e-05	0.0	0.0
27	16	0.0	0.0	0.0	-6.68e-05	0.0	0.0
27	21	0.0	0.0	0.0	5.26e-04	2.28e-05	0.0
27	22	0.0	0.0	0.0	-1.47e-04	-1.53e-06	0.0
27	23	0.0	0.0	0.0	5.26e-04	2.28e-05	0.0
27	24	0.0	0.0	0.0	-7.18e-05	1.17e-06	0.0
28	1	-1.25e-04	-2.00e-04	0.03	6.62e-04	6.48e-05	0.0
28	2	-1.18e-04	-7.10e-04	-0.02	-4.28e-04	-2.38e-05	0.0
28	5	-8.67e-04	-1.91e-04	-6.72e-03	-1.59e-04	1.18e-05	0.0
28	6	-8.78e-04	-1.75e-04	-6.68e-03	-1.58e-04	1.25e-05	0.0
28	7	6.25e-04	-7.06e-04	-3.67e-03	-8.88e-05	-7.44e-06	0.0
28	13	-2.15e-04	-3.75e-04	-3.21e-03	-7.71e-05	3.86e-06	0.0
28	14	-2.16e-04	-3.74e-04	-3.21e-03	-7.70e-05	3.96e-06	0.0
28	15	3.17e-05	-4.78e-04	-2.78e-03	-6.73e-05	1.22e-06	0.0
28	21	-9.65e-05	-1.54e-04	0.02	5.09e-04	4.98e-05	0.0
28	22	-9.18e-05	-4.60e-04	-6.12e-03	-1.45e-04	-3.31e-06	0.0
28	23	-9.65e-05	-1.54e-04	0.02	5.09e-04	4.98e-05	0.0
28	24	-9.23e-05	-4.26e-04	-3.00e-03	-7.22e-05	2.59e-06	0.0
29	1	0.0	0.0	0.0	6.04e-04	3.80e-05	0.0
29	2	0.0	0.0	0.0	-4.08e-04	-1.44e-05	0.0
29	6	0.0	0.0	0.0	-1.72e-04	4.52e-06	0.0
29	7	0.0	0.0	0.0	-8.13e-05	-2.61e-06	0.0
29	14	0.0	0.0	0.0	-8.12e-05	1.75e-06	0.0
29	15	0.0	0.0	0.0	-6.85e-05	0.0	0.0
29	21	0.0	0.0	0.0	4.65e-04	2.92e-05	0.0
29	22	0.0	0.0	0.0	-1.42e-04	-2.22e-06	0.0
29	23	0.0	0.0	0.0	4.65e-04	2.92e-05	0.0
29	24	0.0	0.0	0.0	-7.48e-05	1.27e-06	0.0
30	1	-1.70e-04	-1.77e-04	0.03	5.85e-04	8.29e-05	0.0
30	2	-1.83e-04	-7.69e-04	-0.02	-3.99e-04	-3.14e-05	0.0
30	5	-9.20e-04	-1.20e-04	-7.22e-03	-1.70e-04	9.24e-06	0.0
30	6	-9.33e-04	-1.06e-04	-7.20e-03	-1.70e-04	1.00e-05	0.0
30	7	5.68e-04	-8.27e-04	-3.38e-03	-8.20e-05	-5.65e-06	0.0
30	14	-2.61e-04	-3.81e-04	-3.39e-03	-8.11e-05	3.88e-06	0.0
30	15	-1.42e-05	-5.23e-04	-2.86e-03	-6.88e-05	1.78e-06	0.0
30	21	-1.31e-04	-1.36e-04	0.02	4.50e-04	6.37e-05	0.0
30	22	-1.38e-04	-4.92e-04	-5.95e-03	-1.41e-04	-4.79e-06	0.0
30	23	-1.31e-04	-1.36e-04	0.02	4.50e-04	6.37e-05	0.0
30	24	-1.38e-04	-4.52e-04	-3.13e-03	-7.50e-05	2.83e-06	0.0
31	1	0.0	0.0	0.0	5.07e-04	4.46e-05	0.0
31	2	0.0	0.0	0.0	-3.70e-04	-1.80e-05	0.0
31	6	0.0	0.0	0.0	-1.80e-04	2.15e-06	0.0
31	7	0.0	0.0	0.0	-7.60e-05	-2.00e-06	0.0
31	14	0.0	0.0	0.0	-8.49e-05	1.18e-06	0.0
31	15	0.0	0.0	0.0	-7.04e-05	0.0	0.0
31	21	0.0	0.0	0.0	3.90e-04	3.43e-05	0.0
31	22	0.0	0.0	0.0	-1.36e-04	-3.25e-06	0.0
31	23	0.0	0.0	0.0	3.90e-04	3.43e-05	0.0
31	24	0.0	0.0	0.0	-7.76e-05	0.0	0.0
32	1	-2.18e-04	-1.43e-04	0.02	4.90e-04	9.73e-05	0.0
32	2	-2.47e-04	-8.48e-04	-0.02	-3.62e-04	-3.91e-05	0.0
32	6	-9.89e-04	-3.38e-05	-7.57e-03	-1.77e-04	4.94e-06	0.0
32	7	5.11e-04	-9.66e-04	-3.17e-03	-7.67e-05	-4.28e-06	0.0
32	14	-3.06e-04	-3.94e-04	-3.56e-03	-8.44e-05	2.68e-06	0.0
32	15	-6.02e-05	-5.78e-04	-2.94e-03	-7.05e-05	1.52e-06	0.0
32	21	-1.67e-04	-1.10e-04	0.02	3.77e-04	7.49e-05	0.0
32	22	-1.85e-04	-5.33e-04	-5.69e-03	-1.34e-04	-7.00e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
32	23	-1.67e-04	-1.10e-04	0.02	3.77e-04	7.49e-05	0.0
32	24	-1.83e-04	-4.86e-04	-3.25e-03	-7.75e-05	2.10e-06	0.0
33	1	0.0	0.0	0.0	3.97e-04	4.86e-05	0.0
33	2	0.0	0.0	0.0	-3.24e-04	-2.17e-05	0.0
33	6	0.0	0.0	0.0	-1.82e-04	-1.87e-06	0.0
33	7	0.0	0.0	0.0	-7.18e-05	-1.73e-06	0.0
33	14	0.0	0.0	0.0	-8.64e-05	0.0	0.0
33	15	0.0	0.0	0.0	-7.13e-05	0.0	0.0
33	21	0.0	0.0	0.0	3.06e-04	3.74e-05	0.0
33	22	0.0	0.0	0.0	-1.27e-04	-4.77e-06	0.0
33	23	0.0	0.0	0.0	3.06e-04	3.74e-05	0.0
33	24	0.0	0.0	0.0	-7.89e-05	0.0	0.0
34	2	-3.08e-04	-9.50e-04	-0.01	-3.17e-04	-4.71e-05	0.0
34	4	-2.46e-04	-9.28e-04	-0.02	-4.06e-04	-7.16e-05	0.0
34	6	-1.05e-03	4.64e-05	-7.65e-03	-1.78e-04	-3.67e-06	0.0
34	7	4.56e-04	-1.13e-03	-3.00e-03	-7.26e-05	-3.63e-06	0.0
34	14	-3.50e-04	-4.13e-04	-3.63e-03	-8.57e-05	0.0	0.0
34	15	-1.06e-04	-6.44e-04	-2.99e-03	-7.13e-05	0.0	0.0
34	21	-2.07e-04	-7.17e-05	0.01	2.95e-04	8.18e-05	0.0
34	22	-2.31e-04	-5.86e-04	-5.32e-03	-1.25e-04	-1.02e-05	0.0
34	23	-2.07e-04	-7.17e-05	0.01	2.95e-04	8.18e-05	0.0
34	24	-2.28e-04	-5.29e-04	-3.31e-03	-7.85e-05	0.0	0.0
35	2	0.0	0.0	0.0	-2.69e-04	-2.53e-05	0.0
35	4	0.0	0.0	0.0	-3.34e-04	-3.66e-05	0.0
35	6	0.0	0.0	0.0	-1.71e-04	-8.04e-06	0.0
35	7	0.0	0.0	0.0	-6.77e-05	-1.96e-06	0.0
35	14	0.0	0.0	0.0	-8.38e-05	-2.47e-06	0.0
35	15	0.0	0.0	0.0	-6.99e-05	-1.49e-06	0.0
35	21	0.0	0.0	0.0	2.17e-04	3.76e-05	0.0
35	22	0.0	0.0	0.0	-1.14e-04	-6.92e-06	0.0
35	23	0.0	0.0	0.0	2.17e-04	3.76e-05	0.0
35	24	0.0	0.0	0.0	-7.69e-05	-1.98e-06	0.0
36	2	-3.65e-04	-1.08e-03	-0.01	-2.64e-04	-5.52e-05	0.0
36	4	-2.90e-04	-1.08e-03	-0.01	-3.27e-04	-7.99e-05	0.0
36	6	-1.10e-03	1.42e-04	-7.25e-03	-1.67e-04	-1.73e-05	0.0
36	7	4.07e-04	-1.32e-03	-2.84e-03	-6.86e-05	-4.11e-06	0.0
36	14	-3.93e-04	-4.39e-04	-3.54e-03	-8.29e-05	-5.22e-06	0.0
36	15	-1.49e-04	-7.26e-04	-2.95e-03	-6.97e-05	-3.10e-06	0.0
36	21	-2.50e-04	-1.28e-05	9.01e-03	2.10e-04	8.24e-05	0.0
36	22	-2.74e-04	-6.54e-04	-4.78e-03	-1.12e-04	-1.50e-05	0.0
36	23	-2.50e-04	-1.28e-05	9.01e-03	2.10e-04	8.24e-05	0.0
36	24	-2.71e-04	-5.83e-04	-3.25e-03	-7.63e-05	-4.16e-06	0.0
37	2	0.0	0.0	0.0	-2.05e-04	-2.97e-05	0.0
37	4	0.0	0.0	0.0	-2.45e-04	-3.97e-05	0.0
37	6	0.0	0.0	0.0	-1.42e-04	-1.86e-05	0.0
37	7	0.0	0.0	0.0	-6.22e-05	-3.20e-06	0.0
37	14	0.0	0.0	0.0	-7.41e-05	-6.80e-06	0.0
37	15	0.0	0.0	0.0	-6.37e-05	-4.47e-06	0.0
37	22	0.0	0.0	0.0	-9.40e-05	-1.05e-05	0.0
37	24	0.0	0.0	0.0	-6.89e-05	-5.64e-06	0.0
38	2	-4.07e-04	-1.27e-03	-8.61e-03	-2.03e-04	-6.29e-05	0.0
38	4	-3.16e-04	-1.30e-03	-0.01	-2.41e-04	-8.49e-05	0.0
38	6	-1.16e-03	2.70e-04	-6.10e-03	-1.38e-04	-3.72e-05	0.0
38	7	3.72e-04	-1.57e-03	-2.62e-03	-6.34e-05	-6.20e-06	0.0
38	14	-4.33e-04	-4.73e-04	-3.16e-03	-7.32e-05	-1.34e-05	0.0
38	15	-1.86e-04	-8.31e-04	-2.71e-03	-6.37e-05	-8.65e-06	0.0
38	21	-3.01e-04	8.46e-05	5.40e-03	1.29e-04	7.34e-05	0.0
38	22	-3.10e-04	-7.44e-04	-3.98e-03	-9.32e-05	-2.16e-05	0.0
38	23	-3.01e-04	8.46e-05	5.40e-03	1.29e-04	7.34e-05	0.0
38	24	-3.09e-04	-6.52e-04	-2.94e-03	-6.85e-05	-1.10e-05	0.0
39	1	0.0	0.0	0.0	8.39e-05	2.83e-05	0.0
39	2	0.0	0.0	0.0	-1.30e-04	-2.93e-05	0.0
39	4	0.0	0.0	0.0	-1.50e-04	-3.59e-05	0.0
39	5	0.0	0.0	0.0	-8.19e-05	-2.67e-05	0.0
39	6	0.0	0.0	0.0	-8.30e-05	-2.70e-05	0.0
39	7	0.0	0.0	0.0	-5.21e-05	-4.55e-06	0.0
39	13	0.0	0.0	0.0	-5.11e-05	-1.06e-05	0.0
39	14	0.0	0.0	0.0	-5.12e-05	-1.06e-05	0.0
39	15	0.0	0.0	0.0	-4.83e-05	-7.29e-06	0.0
39	21	0.0	0.0	0.0	6.46e-05	2.18e-05	0.0
39	22	0.0	0.0	0.0	-6.40e-05	-1.28e-05	0.0
39	23	0.0	0.0	0.0	6.46e-05	2.18e-05	0.0
39	24	0.0	0.0	0.0	-4.98e-05	-8.96e-06	0.0
40	1	-4.87e-04	3.41e-04	3.18e-03	8.43e-05	6.49e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
40	4	-2.95e-04	-1.63e-03	-6.34e-03	-1.50e-04	-8.50e-05	0.0
40	6	-1.23e-03	4.66e-04	-3.88e-03	-7.96e-05	-6.67e-05	0.0
40	7	3.79e-04	-1.91e-03	-2.26e-03	-5.42e-05	-1.09e-05	0.0
40	14	-4.62e-04	-5.18e-04	-2.32e-03	-5.09e-05	-2.62e-05	0.0
40	15	-2.02e-04	-9.73e-04	-2.15e-03	-4.88e-05	-1.79e-05	0.0
40	21	-3.75e-04	2.62e-04	2.45e-03	6.49e-05	4.99e-05	0.0
40	22	-3.27e-04	-8.71e-04	-2.82e-03	-6.42e-05	-3.10e-05	0.0
40	23	-3.75e-04	2.62e-04	2.45e-03	6.49e-05	4.99e-05	0.0
40	24	-3.32e-04	-7.46e-04	-2.24e-03	-4.98e-05	-2.20e-05	0.0
41	2	0.0	0.0	0.0	-8.09e-05	-2.62e-05	3.22e-05
41	4	0.0	0.0	0.0	-9.13e-05	-2.65e-05	2.54e-05
41	7	0.0	0.0	0.0	-4.33e-05	-6.46e-06	-5.25e-06
41	8	0.0	0.0	0.0	-4.37e-05	-6.92e-06	-4.33e-06
41	15	0.0	0.0	0.0	-3.41e-05	-1.13e-05	1.75e-05
41	16	0.0	0.0	0.0	-3.42e-05	-1.14e-05	1.76e-05
41	22	0.0	0.0	0.0	-4.09e-05	-1.55e-05	2.43e-05
41	24	0.0	0.0	0.0	-3.25e-05	-1.37e-05	2.41e-05
42	1	-7.18e-04	1.03e-03	1.28e-03	4.85e-05	3.56e-06	2.97e-05
42	4	-7.49e-05	-2.43e-03	-2.60e-03	-1.00e-04	-7.42e-05	2.85e-05
42	6	-1.36e-03	9.64e-04	-9.01e-05	-3.75e-05	-1.09e-04	8.78e-05
42	7	5.49e-04	-2.64e-03	-1.61e-03	-4.76e-05	-1.81e-05	-6.06e-06
42	8	5.32e-04	-2.61e-03	-1.61e-03	-4.84e-05	-1.94e-05	-5.01e-06
42	14	-4.54e-04	-5.94e-04	-7.85e-04	-3.44e-05	-4.50e-05	3.32e-05
42	15	-1.41e-04	-1.27e-03	-1.08e-03	-3.76e-05	-3.16e-05	1.85e-05
42	21	-5.53e-04	7.89e-04	9.83e-04	3.73e-05	2.74e-06	2.28e-05
42	22	-2.66e-04	-1.14e-03	-1.17e-03	-4.51e-05	-4.34e-05	2.62e-05
42	23	-5.53e-04	7.89e-04	9.83e-04	3.73e-05	2.74e-06	2.28e-05
42	24	-2.98e-04	-9.29e-04	-9.30e-04	-3.60e-05	-3.83e-05	2.58e-05
43	1	1.19e-03	6.88e-04	6.39e-03	8.33e-05	-1.29e-04	0.0
43	4	7.02e-04	-2.75e-03	-0.01	-1.54e-04	1.85e-04	0.0
43	5	-8.59e-04	-3.54e-03	-4.94e-03	-6.12e-05	2.88e-05	0.0
43	8	2.91e-03	1.19e-03	-7.78e-03	-7.43e-05	1.44e-04	0.0
43	13	4.91e-04	-1.67e-03	-4.61e-03	-5.24e-05	4.37e-05	0.0
43	16	1.11e-03	-7.67e-04	-4.89e-03	-5.23e-05	6.08e-05	0.0
43	21	9.14e-04	5.29e-04	4.91e-03	6.41e-05	-9.90e-05	0.0
43	22	7.87e-04	-1.44e-03	-5.96e-03	-6.69e-05	7.12e-05	0.0
43	23	9.14e-04	5.29e-04	4.91e-03	6.41e-05	-9.90e-05	0.0
43	24	8.01e-04	-1.22e-03	-4.75e-03	-5.23e-05	5.23e-05	0.0
44	1	1.54e-03	1.56e-03	2.84e-03	5.32e-05	-8.17e-06	-2.89e-05
44	4	5.83e-04	-3.65e-03	-5.38e-03	-1.10e-04	1.71e-04	-4.00e-05
44	5	-9.52e-04	-4.46e-03	-3.36e-03	-5.50e-05	4.71e-05	3.43e-06
44	6	-9.12e-04	-4.42e-03	-3.40e-03	-5.66e-05	4.95e-05	2.27e-06
44	8	3.21e-03	1.96e-03	-3.67e-05	-3.79e-05	2.30e-04	-9.88e-05
44	13	5.20e-04	-1.99e-03	-2.17e-03	-4.19e-05	7.49e-05	-2.36e-05
44	14	5.25e-04	-1.99e-03	-2.17e-03	-4.22e-05	7.53e-05	-2.38e-05
44	16	1.21e-03	-7.81e-04	-1.53e-03	-3.73e-05	1.02e-04	-3.99e-05
44	21	1.18e-03	1.20e-03	2.18e-03	4.09e-05	-6.28e-06	-2.23e-05
44	22	8.23e-04	-1.71e-03	-2.35e-03	-4.97e-05	1.00e-04	-3.29e-05
44	23	1.18e-03	1.20e-03	2.18e-03	4.09e-05	-6.28e-06	-2.23e-05
44	24	8.63e-04	-1.39e-03	-1.85e-03	-3.96e-05	8.84e-05	-3.17e-05
45	2	9.72e-04	-2.15e-03	-0.02	-2.06e-04	1.36e-04	0.0
45	4	7.59e-04	-2.20e-03	-0.02	-2.42e-04	1.80e-04	0.0
45	5	-8.29e-04	-2.91e-03	-5.87e-03	-7.19e-05	1.68e-05	0.0
45	8	2.68e-03	7.51e-04	-0.01	-1.34e-04	8.16e-05	0.0
45	13	4.48e-04	-1.45e-03	-5.95e-03	-6.92e-05	2.23e-05	0.0
45	16	1.03e-03	-7.33e-04	-6.78e-03	-7.67e-05	3.22e-05	0.0
45	21	7.12e-04	1.83e-04	0.01	1.20e-04	-1.47e-04	0.0
45	22	7.40e-04	-1.25e-03	-8.48e-03	-9.70e-05	4.90e-05	0.0
45	23	7.12e-04	1.83e-04	0.01	1.20e-04	-1.47e-04	0.0
45	24	7.37e-04	-1.09e-03	-6.37e-03	-7.29e-05	2.72e-05	0.0
46	2	9.13e-04	-1.85e-03	-0.02	-2.64e-04	1.15e-04	0.0
46	4	7.41e-04	-1.85e-03	-0.03	-3.22e-04	1.65e-04	0.0
46	5	-8.67e-04	-2.46e-03	-6.42e-03	-7.79e-05	1.02e-05	0.0
46	8	2.52e-03	4.61e-04	-0.01	-1.63e-04	3.81e-05	0.0
46	13	3.83e-04	-1.28e-03	-6.55e-03	-7.65e-05	8.42e-06	0.0
46	16	9.41e-04	-7.04e-04	-7.68e-03	-8.76e-05	1.29e-05	0.0
46	21	5.72e-04	-5.99e-06	0.02	1.92e-04	-1.66e-04	0.0
46	22	6.73e-04	-1.11e-03	-0.01	-1.16e-04	3.28e-05	0.0
46	23	5.72e-04	-5.99e-06	0.02	1.92e-04	-1.66e-04	0.0
46	24	6.62e-04	-9.90e-04	-7.12e-03	-8.21e-05	1.07e-05	0.0
47	2	8.26e-04	-1.64e-03	-0.03	-3.15e-04	9.59e-05	0.0
47	4	6.88e-04	-1.60e-03	-0.04	-3.96e-04	1.46e-04	0.0
47	5	-9.37e-04	-2.10e-03	-6.77e-03	-8.21e-05	7.43e-06	0.0
47	8	2.38e-03	2.40e-04	-0.02	-1.76e-04	8.52e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
47	13	3.08e-04	-1.14e-03	-6.69e-03	-7.89e-05	0.0	0.0
47	16	8.56e-04	-6.82e-04	-7.91e-03	-9.15e-05	0.0	0.0
47	21	4.61e-04	-1.24e-04	0.02	2.70e-04	-1.66e-04	0.0
47	22	5.97e-04	-1.01e-03	-0.01	-1.30e-04	2.11e-05	0.0
47	23	4.61e-04	-1.24e-04	0.02	2.70e-04	-1.66e-04	0.0
47	24	5.82e-04	-9.13e-04	-7.30e-03	-8.52e-05	0.0	0.0
48	2	7.26e-04	-1.48e-03	-0.03	-3.56e-04	7.73e-05	0.0
48	4	6.16e-04	-1.42e-03	-0.04	-4.60e-04	1.23e-04	0.0
48	5	-1.02e-03	-1.81e-03	-7.06e-03	-8.58e-05	7.38e-06	0.0
48	8	2.25e-03	5.51e-05	-0.02	-1.77e-04	-1.07e-05	0.0
48	13	2.28e-04	-1.04e-03	-6.57e-03	-7.82e-05	-4.30e-06	0.0
48	16	7.72e-04	-6.70e-04	-7.75e-03	-9.06e-05	-6.52e-06	0.0
48	21	3.67e-04	-2.01e-04	0.03	3.45e-04	-1.52e-04	0.0
48	22	5.17e-04	-9.34e-04	-0.01	-1.38e-04	1.29e-05	0.0
48	23	3.67e-04	-2.01e-04	0.03	3.45e-04	-1.52e-04	0.0
48	24	5.00e-04	-8.53e-04	-7.16e-03	-8.44e-05	-5.41e-06	0.0
49	1	3.69e-04	-3.31e-04	0.05	5.35e-04	-1.69e-04	0.0
49	2	6.19e-04	-1.37e-03	-0.03	-3.90e-04	5.96e-05	0.0
49	5	-1.12e-03	-1.55e-03	-7.41e-03	-8.98e-05	9.18e-06	0.0
49	7	2.11e-03	-1.40e-04	-0.01	-1.70e-04	-2.06e-05	0.0
49	8	2.13e-03	-1.11e-04	-0.01	-1.70e-04	-2.22e-05	0.0
49	13	1.46e-04	-9.49e-04	-6.33e-03	-7.60e-05	-5.86e-06	0.0
49	16	6.89e-04	-6.66e-04	-7.36e-03	-8.70e-05	-1.01e-05	0.0
49	21	2.84e-04	-2.54e-04	0.04	4.12e-04	-1.30e-04	0.0
49	22	4.34e-04	-8.76e-04	-0.01	-1.43e-04	7.26e-06	0.0
49	23	2.84e-04	-2.54e-04	0.04	4.12e-04	-1.30e-04	0.0
49	24	4.17e-04	-8.07e-04	-6.85e-03	-8.15e-05	-7.96e-06	0.0
50	1	2.70e-04	-3.78e-04	0.06	6.07e-04	-1.32e-04	0.0
50	2	5.08e-04	-1.29e-03	-0.04	-4.14e-04	4.29e-05	0.0
50	5	-1.21e-03	-1.33e-03	-7.85e-03	-9.51e-05	1.21e-05	0.0
50	7	2.00e-03	-3.00e-04	-0.01	-1.60e-04	-2.67e-05	0.0
50	8	2.02e-03	-2.69e-04	-0.01	-1.58e-04	-2.82e-05	0.0
50	13	6.34e-05	-8.79e-04	-6.07e-03	-7.35e-05	-5.47e-06	0.0
50	15	6.03e-04	-6.73e-04	-6.89e-03	-8.23e-05	-1.08e-05	0.0
50	16	6.06e-04	-6.71e-04	-6.89e-03	-8.23e-05	-1.10e-05	0.0
50	21	2.08e-04	-2.90e-04	0.04	4.67e-04	-1.01e-04	0.0
50	22	3.50e-04	-8.36e-04	-0.01	-1.46e-04	3.43e-06	0.0
50	23	2.08e-04	-2.90e-04	0.04	4.67e-04	-1.01e-04	0.0
50	24	3.35e-04	-7.75e-04	-6.48e-03	-7.79e-05	-8.22e-06	0.0
51	1	1.77e-04	-4.08e-04	0.06	6.60e-04	-9.03e-05	0.0
51	2	3.95e-04	-1.23e-03	-0.04	-4.32e-04	2.69e-05	0.0
51	5	-1.31e-03	-1.13e-03	-8.45e-03	-1.02e-04	1.57e-05	0.0
51	7	1.89e-03	-4.59e-04	-0.01	-1.47e-04	-2.90e-05	0.0
51	8	1.91e-03	-4.25e-04	-0.01	-1.45e-04	-3.01e-05	0.0
51	13	-1.87e-05	-8.23e-04	-5.87e-03	-7.14e-05	-3.77e-06	0.0
51	15	5.21e-04	-6.89e-04	-6.44e-03	-7.76e-05	-9.95e-06	0.0
51	16	5.23e-04	-6.86e-04	-6.43e-03	-7.74e-05	-1.01e-05	0.0
51	21	1.36e-04	-3.14e-04	0.05	5.08e-04	-6.95e-05	0.0
51	22	2.67e-04	-8.10e-04	-0.01	-1.47e-04	0.0	0.0
51	23	1.36e-04	-3.14e-04	0.05	5.08e-04	-6.95e-05	0.0
51	24	2.52e-04	-7.55e-04	-6.15e-03	-7.44e-05	-6.94e-06	0.0
52	1	8.74e-05	-4.26e-04	0.06	6.93e-04	-4.58e-05	0.0
52	2	2.81e-04	-1.21e-03	-0.04	-4.41e-04	1.15e-05	0.0
52	5	-1.41e-03	-9.52e-04	-9.20e-03	-1.10e-04	1.93e-05	0.0
52	7	1.79e-03	-6.20e-04	-0.01	-1.33e-04	-2.86e-05	0.0
52	8	1.80e-03	-5.85e-04	-0.01	-1.31e-04	-2.92e-05	0.0
52	13	-1.00e-04	-7.81e-04	-5.75e-03	-7.02e-05	-1.30e-06	0.0
52	15	4.40e-04	-7.14e-04	-6.04e-03	-7.34e-05	-7.97e-06	0.0
52	16	4.41e-04	-7.12e-04	-6.03e-03	-7.32e-05	-8.05e-06	0.0
52	21	6.72e-05	-3.27e-04	0.05	5.33e-04	-3.53e-05	0.0
52	22	1.83e-04	-7.99e-04	-0.01	-1.47e-04	0.0	0.0
52	23	6.72e-05	-3.27e-04	0.05	5.33e-04	-3.53e-05	0.0
52	24	1.70e-04	-7.46e-04	-5.89e-03	-7.17e-05	-4.68e-06	0.0
53	1	0.0	-4.31e-04	0.06	7.04e-04	0.0	0.0
53	2	1.66e-04	-1.21e-03	-0.04	-4.43e-04	-3.60e-06	0.0
53	4	1.66e-04	-1.11e-03	-0.05	-6.05e-04	-3.60e-06	0.0
53	5	-1.51e-03	-7.89e-04	-0.01	-1.20e-04	2.26e-05	0.0
53	8	1.69e-03	-7.53e-04	-9.90e-03	-1.17e-04	-2.64e-05	0.0
53	11	5.70e-04	-8.59e-04	-7.58e-03	-9.22e-05	-9.27e-06	0.0
53	16	3.59e-04	-7.48e-04	-5.74e-03	-7.00e-05	-5.33e-06	0.0
53	17	7.60e-06	-7.53e-04	-5.78e-03	-7.06e-05	0.0	0.0
53	19	1.70e-04	-7.53e-04	-5.78e-03	-7.06e-05	-2.94e-06	0.0
53	21	0.0	-3.32e-04	0.05	5.41e-04	0.0	0.0
53	22	9.98e-05	-8.01e-04	-0.01	-1.47e-04	-2.16e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
53	23	0.0	-3.32e-04	0.05	5.41e-04	0.0	0.0
53	24	8.87e-05	-7.49e-04	-5.75e-03	-7.02e-05	-1.92e-06	0.0
54	1	-8.74e-05	-4.26e-04	0.06	6.93e-04	4.58e-05	0.0
54	2	5.21e-05	-1.24e-03	-0.04	-4.38e-04	-1.85e-05	0.0
54	5	-1.62e-03	-6.37e-04	-0.01	-1.31e-04	2.49e-05	0.0
54	6	-1.62e-03	-6.02e-04	-0.01	-1.29e-04	2.54e-05	0.0
54	7	1.59e-03	-9.69e-04	-9.03e-03	-1.08e-04	-2.31e-05	0.0
54	13	-2.63e-04	-7.31e-04	-5.88e-03	-7.16e-05	4.21e-06	0.0
54	15	2.78e-04	-7.97e-04	-5.59e-03	-6.84e-05	-2.45e-06	0.0
54	21	-6.72e-05	-3.27e-04	0.05	5.33e-04	3.53e-05	0.0
54	22	1.64e-05	-8.17e-04	-0.01	-1.45e-04	-3.37e-06	0.0
54	23	-6.72e-05	-3.27e-04	0.05	5.33e-04	3.53e-05	0.0
54	24	7.15e-06	-7.63e-04	-5.73e-03	-6.99e-05	0.0	0.0
55	1	-1.77e-04	-4.08e-04	0.06	6.60e-04	9.03e-05	0.0
55	2	-6.15e-05	-1.30e-03	-0.04	-4.25e-04	-3.35e-05	0.0
55	5	-1.72e-03	-4.93e-04	-0.01	-1.43e-04	2.55e-05	0.0
55	6	-1.73e-03	-4.59e-04	-0.01	-1.41e-04	2.66e-05	0.0
55	7	1.49e-03	-1.16e-03	-8.13e-03	-9.82e-05	-1.92e-05	0.0
55	13	-3.44e-04	-7.22e-04	-6.12e-03	-7.40e-05	6.43e-06	0.0
55	14	-3.46e-04	-7.20e-04	-6.10e-03	-7.39e-05	6.59e-06	0.0
55	15	1.97e-04	-8.57e-04	-5.54e-03	-6.79e-05	0.0	0.0
55	21	-1.36e-04	-3.14e-04	0.05	5.08e-04	6.95e-05	0.0
55	22	-6.68e-05	-8.48e-04	-0.01	-1.43e-04	-4.84e-06	0.0
55	23	-1.36e-04	-3.14e-04	0.05	5.08e-04	6.95e-05	0.0
55	24	-7.45e-05	-7.89e-04	-5.82e-03	-7.09e-05	3.42e-06	0.0
56	1	-2.70e-04	-3.78e-04	0.06	6.07e-04	1.32e-04	0.0
56	2	-1.74e-04	-1.38e-03	-0.04	-4.05e-04	-4.87e-05	0.0
56	5	-1.82e-03	-3.52e-04	-0.01	-1.54e-04	2.36e-05	0.0
56	6	-1.84e-03	-3.20e-04	-0.01	-1.53e-04	2.51e-05	0.0
56	7	1.39e-03	-1.38e-03	-7.39e-03	-8.99e-05	-1.52e-05	0.0
56	13	-4.25e-04	-7.25e-04	-6.43e-03	-7.72e-05	7.69e-06	0.0
56	14	-4.27e-04	-7.23e-04	-6.43e-03	-7.72e-05	7.90e-06	0.0
56	15	1.15e-04	-9.31e-04	-5.61e-03	-6.84e-05	2.39e-06	0.0
56	21	-2.08e-04	-2.90e-04	0.04	4.67e-04	1.01e-04	0.0
56	22	-1.50e-04	-8.94e-04	-0.01	-1.40e-04	-6.90e-06	0.0
56	23	-2.08e-04	-2.90e-04	0.04	4.67e-04	1.01e-04	0.0
56	24	-1.56e-04	-8.27e-04	-6.02e-03	-7.28e-05	5.14e-06	0.0
57	1	-3.69e-04	-3.31e-04	0.05	5.35e-04	1.69e-04	0.0
57	2	-2.83e-04	-1.50e-03	-0.03	-3.78e-04	-6.41e-05	0.0
57	5	-1.93e-03	-2.11e-04	-0.01	-1.64e-04	1.82e-05	0.0
57	6	-1.95e-03	-1.82e-04	-0.01	-1.63e-04	1.98e-05	0.0
57	7	1.30e-03	-1.62e-03	-6.82e-03	-8.35e-05	-1.16e-05	0.0
57	14	-5.10e-04	-7.37e-04	-6.78e-03	-8.06e-05	7.66e-06	0.0
57	15	3.34e-05	-1.02e-03	-5.75e-03	-6.96e-05	3.47e-06	0.0
57	21	-2.84e-04	-2.54e-04	0.04	4.12e-04	1.30e-04	0.0
57	22	-2.32e-04	-9.57e-04	-0.01	-1.36e-04	-9.95e-06	0.0
57	23	-2.84e-04	-2.54e-04	0.04	4.12e-04	1.30e-04	0.0
57	24	-2.38e-04	-8.79e-04	-6.26e-03	-7.51e-05	5.56e-06	0.0
58	1	-4.77e-04	-2.62e-04	0.04	4.48e-04	1.98e-04	0.0
58	2	-3.88e-04	-1.66e-03	-0.03	-3.43e-04	-7.99e-05	0.0
58	6	-2.07e-03	-3.78e-05	-0.01	-1.69e-04	9.29e-06	0.0
58	7	1.20e-03	-1.90e-03	-6.40e-03	-7.85e-05	-8.78e-06	0.0
58	14	-5.92e-04	-7.62e-04	-7.08e-03	-8.33e-05	5.13e-06	0.0
58	15	-4.72e-05	-1.13e-03	-5.90e-03	-7.09e-05	2.91e-06	0.0
58	21	-3.67e-04	-2.01e-04	0.03	3.45e-04	1.52e-04	0.0
58	22	-3.14e-04	-1.04e-03	-0.01	-1.30e-04	-1.45e-05	0.0
58	23	-3.67e-04	-2.01e-04	0.03	3.45e-04	1.52e-04	0.0
58	24	-3.19e-04	-9.46e-04	-6.49e-03	-7.71e-05	4.02e-06	0.0
59	1	-5.99e-04	-1.61e-04	0.03	3.51e-04	2.15e-04	0.0
59	2	-4.84e-04	-1.86e-03	-0.03	-3.01e-04	-9.59e-05	0.0
59	4	-3.45e-04	-1.82e-03	-0.03	-3.82e-04	-1.46e-04	0.0
59	6	-2.19e-03	1.22e-04	-0.01	-1.68e-04	-8.49e-06	0.0
59	7	1.12e-03	-2.22e-03	-6.06e-03	-7.46e-05	-7.41e-06	0.0
59	14	-6.74e-04	-8.00e-04	-7.21e-03	-8.40e-05	0.0	0.0
59	15	-1.25e-04	-1.26e-03	-5.99e-03	-7.14e-05	0.0	0.0
59	21	-4.61e-04	-1.24e-04	0.02	2.70e-04	1.66e-04	0.0
59	22	-3.92e-04	-1.14e-03	-0.01	-1.21e-04	-2.11e-05	0.0
59	23	-4.61e-04	-1.24e-04	0.02	2.70e-04	1.66e-04	0.0
59	24	-3.99e-04	-1.03e-03	-6.60e-03	-7.77e-05	0.0	0.0
60	1	-7.43e-04	-7.79e-06	0.02	2.50e-04	2.16e-04	0.0
60	2	-5.63e-04	-2.13e-03	-0.02	-2.51e-04	-1.12e-04	0.0
60	4	-3.91e-04	-2.13e-03	-0.03	-3.09e-04	-1.62e-04	0.0
60	6	-2.33e-03	3.12e-04	-0.01	-1.56e-04	-3.61e-05	0.0
60	7	1.05e-03	-2.61e-03	-5.75e-03	-7.10e-05	-8.20e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
60	14	-7.54e-04	-8.53e-04	-7.01e-03	-8.07e-05	-1.10e-05	0.0
60	15	-1.97e-04	-1.42e-03	-5.89e-03	-6.96e-05	-6.43e-06	0.0
60	21	-5.72e-04	-5.99e-06	0.02	1.92e-04	1.66e-04	0.0
60	22	-4.64e-04	-1.28e-03	-9.43e-03	-1.09e-04	-3.05e-05	0.0
60	23	-5.72e-04	-5.99e-06	0.02	1.92e-04	1.66e-04	0.0
60	24	-4.76e-04	-1.14e-03	-6.45e-03	-7.51e-05	-8.69e-06	0.0
61	1	-9.26e-04	2.38e-04	0.01	1.56e-04	1.91e-04	0.0
61	4	-3.96e-04	-2.56e-03	-0.02	-2.32e-04	-1.71e-04	0.0
61	6	-2.49e-03	5.62e-04	-0.01	-1.29e-04	-7.69e-05	0.0
61	7	1.02e-03	-3.10e-03	-5.34e-03	-6.67e-05	-1.21e-05	0.0
61	14	-8.32e-04	-9.21e-04	-6.25e-03	-7.14e-05	-2.75e-05	0.0
61	15	-2.55e-04	-1.63e-03	-5.42e-03	-6.40e-05	-1.76e-05	0.0
61	21	-7.12e-04	1.83e-04	0.01	1.20e-04	1.47e-04	0.0
61	22	-5.22e-04	-1.46e-03	-7.88e-03	-9.11e-05	-4.37e-05	0.0
61	23	-7.12e-04	1.83e-04	0.01	1.20e-04	1.47e-04	0.0
61	24	-5.43e-04	-1.28e-03	-5.84e-03	-6.77e-05	-2.25e-05	0.0
62	1	-1.19e-03	6.88e-04	6.39e-03	8.33e-05	1.29e-04	0.0
62	4	-3.13e-04	-3.21e-03	-0.01	-1.51e-04	-1.69e-04	0.0
62	6	-2.70e-03	9.46e-04	-7.52e-03	-7.26e-05	-1.35e-04	0.0
62	7	1.07e-03	-3.78e-03	-4.67e-03	-5.95e-05	-2.04e-05	0.0
62	14	-9.03e-04	-1.01e-03	-4.63e-03	-5.06e-05	-5.25e-05	0.0
62	15	-2.84e-04	-1.92e-03	-4.35e-03	-5.06e-05	-3.53e-05	0.0
62	21	-9.14e-04	5.29e-04	4.91e-03	6.41e-05	9.90e-05	0.0
62	22	-5.53e-04	-1.72e-03	-5.66e-03	-6.50e-05	-6.18e-05	0.0
62	23	-9.14e-04	5.29e-04	4.91e-03	6.41e-05	9.90e-05	0.0
62	24	-5.93e-04	-1.47e-03	-4.49e-03	-5.06e-05	-4.39e-05	0.0
63	1	-1.54e-03	1.56e-03	2.84e-03	5.32e-05	8.17e-06	2.89e-05
63	4	-1.53e-04	-4.28e-03	-5.73e-03	-1.11e-04	-1.46e-04	2.78e-05
63	6	-2.98e-03	1.62e-03	-2.24e-04	-3.83e-05	-2.17e-04	9.23e-05
63	7	1.18e-03	-4.80e-03	-3.55e-03	-5.55e-05	-3.38e-05	-9.94e-06
63	8	1.14e-03	-4.76e-03	-3.58e-03	-5.71e-05	-3.62e-05	-8.79e-06
63	14	-9.76e-04	-1.12e-03	-1.72e-03	-3.78e-05	-8.86e-05	3.33e-05
63	15	-2.91e-04	-2.33e-03	-2.35e-03	-4.24e-05	-6.16e-05	1.71e-05
63	16	-2.96e-04	-2.33e-03	-2.36e-03	-4.27e-05	-6.20e-05	1.73e-05
63	21	-1.18e-03	1.20e-03	2.18e-03	4.09e-05	6.28e-06	2.23e-05
63	22	-5.65e-04	-2.09e-03	-2.56e-03	-5.02e-05	-8.53e-05	2.56e-05
63	23	-1.18e-03	1.20e-03	2.18e-03	4.09e-05	6.28e-06	2.23e-05
63	24	-6.34e-04	-1.73e-03	-2.03e-03	-4.01e-05	-7.51e-05	2.52e-05
64	1	1.85e-03	9.32e-04	9.44e-03	7.70e-05	-1.81e-04	0.0
64	4	8.88e-04	-3.95e-03	-0.02	-1.51e-04	2.62e-04	0.0
64	5	-1.56e-03	-5.15e-03	-7.69e-03	-6.70e-05	3.94e-05	0.0
64	8	4.54e-03	1.74e-03	-0.01	-6.64e-05	2.09e-04	0.0
64	13	6.32e-04	-2.43e-03	-6.98e-03	-5.42e-05	6.22e-05	0.0
64	16	1.65e-03	-1.11e-03	-7.27e-03	-5.18e-05	8.77e-05	0.0
64	21	1.43e-03	7.17e-04	7.27e-03	5.92e-05	-1.39e-04	0.0
64	22	1.10e-03	-2.08e-03	-8.92e-03	-6.70e-05	1.02e-04	0.0
64	23	1.43e-03	7.17e-04	7.27e-03	5.92e-05	-1.39e-04	0.0
64	24	1.14e-03	-1.77e-03	-7.12e-03	-5.30e-05	7.49e-05	0.0
65	1	2.28e-03	1.83e-03	4.49e-03	5.18e-05	-1.33e-05	-2.36e-05
65	4	7.97e-04	-4.97e-03	-8.62e-03	-1.12e-04	2.44e-04	-3.36e-05
65	5	-1.62e-03	-6.26e-03	-5.55e-03	-6.18e-05	6.45e-05	9.63e-06
65	6	-1.56e-03	-6.22e-03	-5.65e-03	-6.42e-05	6.79e-05	8.51e-06
65	8	4.92e-03	2.59e-03	5.23e-05	-3.13e-05	3.32e-04	-9.01e-05
65	13	7.00e-04	-2.83e-03	-3.52e-03	-4.45e-05	1.06e-04	-1.82e-05
65	14	7.08e-04	-2.83e-03	-3.54e-03	-4.51e-05	1.06e-04	-1.84e-05
65	16	1.79e-03	-1.15e-03	-2.45e-03	-3.75e-05	1.45e-04	-3.45e-05
65	21	1.75e-03	1.41e-03	3.45e-03	3.98e-05	-1.03e-05	-1.82e-05
65	22	1.18e-03	-2.42e-03	-3.79e-03	-5.11e-05	1.43e-04	-2.74e-05
65	23	1.75e-03	1.41e-03	3.45e-03	3.98e-05	-1.03e-05	-1.82e-05
65	24	1.24e-03	-1.99e-03	-2.98e-03	-4.10e-05	1.26e-04	-2.64e-05
66	1	1.49e-03	3.69e-04	0.02	1.39e-04	-2.70e-04	0.0
66	4	9.35e-04	-3.23e-03	-0.03	-2.27e-04	2.56e-04	0.0
66	5	-1.55e-03	-4.30e-03	-8.97e-03	-7.54e-05	2.33e-05	0.0
66	8	4.21e-03	1.15e-03	-0.02	-1.21e-04	1.20e-04	0.0
66	13	5.53e-04	-2.12e-03	-8.89e-03	-6.90e-05	3.20e-05	0.0
66	16	1.51e-03	-1.06e-03	-0.01	-7.38e-05	4.69e-05	0.0
66	21	1.15e-03	2.84e-04	0.02	1.07e-04	-2.08e-04	0.0
66	22	1.02e-03	-1.82e-03	-0.01	-9.37e-05	7.04e-05	0.0
66	23	1.15e-03	2.84e-04	0.02	1.07e-04	-2.08e-04	0.0
66	24	1.03e-03	-1.59e-03	-9.45e-03	-7.14e-05	3.95e-05	0.0
67	2	1.21e-03	-2.72e-03	-0.03	-2.47e-04	1.66e-04	0.0
67	4	9.30e-04	-2.72e-03	-0.04	-2.97e-04	2.37e-04	0.0
67	5	-1.59e-03	-3.63e-03	-9.73e-03	-8.02e-05	1.44e-05	0.0
67	8	3.94e-03	7.29e-04	-0.02	-1.50e-04	5.71e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
67	13	4.63e-04	-1.87e-03	-9.77e-03	-7.57e-05	1.25e-05	0.0
67	16	1.39e-03	-1.02e-03	-0.01	-8.42e-05	1.95e-05	0.0
67	21	9.22e-04	1.56e-05	0.02	1.69e-04	-2.36e-04	0.0
67	22	9.27e-04	-1.63e-03	-0.01	-1.11e-04	4.75e-05	0.0
67	23	9.22e-04	1.56e-05	0.02	1.69e-04	-2.36e-04	0.0
67	24	9.26e-04	-1.45e-03	-0.01	-7.99e-05	1.60e-05	0.0
68	2	1.10e-03	-2.40e-03	-0.04	-2.92e-04	1.38e-04	0.0
68	4	8.82e-04	-2.36e-03	-0.05	-3.63e-04	2.10e-04	0.0
68	5	-1.67e-03	-3.10e-03	-0.01	-8.37e-05	1.07e-05	0.0
68	8	3.72e-03	4.02e-04	-0.02	-1.62e-04	1.42e-05	0.0
68	13	3.62e-04	-1.67e-03	-9.99e-03	-7.80e-05	0.0	0.0
68	16	1.27e-03	-9.87e-04	-0.01	-8.82e-05	1.77e-06	0.0
68	21	7.39e-04	-1.57e-04	0.04	2.36e-04	-2.37e-04	0.0
68	22	8.25e-04	-1.48e-03	-0.02	-1.23e-04	3.09e-05	0.0
68	23	7.39e-04	-1.57e-04	0.04	2.36e-04	-2.37e-04	0.0
68	24	8.15e-04	-1.33e-03	-0.01	-8.31e-05	1.16e-06	0.0
69	2	9.81e-04	-2.17e-03	-0.05	-3.29e-04	1.12e-04	0.0
69	4	8.06e-04	-2.09e-03	-0.06	-4.20e-04	1.78e-04	0.0
69	5	-1.77e-03	-2.66e-03	-0.01	-8.69e-05	1.08e-05	0.0
69	8	3.52e-03	1.26e-04	-0.02	-1.64e-04	-1.39e-05	0.0
69	13	2.56e-04	-1.52e-03	-9.84e-03	-7.77e-05	-5.80e-06	0.0
69	16	1.15e-03	-9.68e-04	-0.01	-8.80e-05	-8.74e-06	0.0
69	21	5.85e-04	-2.73e-04	0.05	3.02e-04	-2.18e-04	0.0
69	22	7.17e-04	-1.36e-03	-0.02	-1.31e-04	1.91e-05	0.0
69	23	5.85e-04	-2.73e-04	0.05	3.02e-04	-2.18e-04	0.0
69	24	7.03e-04	-1.24e-03	-0.01	-8.28e-05	-7.27e-06	0.0
70	1	5.85e-04	-4.60e-04	0.07	4.70e-04	-2.43e-04	0.0
70	2	8.47e-04	-2.00e-03	-0.05	-3.59e-04	8.67e-05	0.0
70	5	-1.89e-03	-2.28e-03	-0.01	-9.06e-05	1.34e-05	0.0
70	7	3.30e-03	-1.68e-04	-0.02	-1.60e-04	-2.84e-05	0.0
70	8	3.34e-03	-1.22e-04	-0.02	-1.59e-04	-3.10e-05	0.0
70	13	1.47e-04	-1.39e-03	-9.51e-03	-7.60e-05	-8.14e-06	0.0
70	16	1.03e-03	-9.63e-04	-0.01	-8.53e-05	-1.40e-05	0.0
70	21	4.50e-04	-3.54e-04	0.05	3.62e-04	-1.87e-04	0.0
70	22	6.07e-04	-1.28e-03	-0.02	-1.36e-04	1.09e-05	0.0
70	23	4.50e-04	-3.54e-04	0.05	3.62e-04	-1.87e-04	0.0
70	24	5.90e-04	-1.17e-03	-0.01	-8.06e-05	-1.11e-05	0.0
71	1	4.26e-04	-5.32e-04	0.08	5.34e-04	-1.90e-04	0.0
71	2	7.06e-04	-1.88e-03	-0.05	-3.82e-04	6.25e-05	0.0
71	5	-2.01e-03	-1.95e-03	-0.01	-9.53e-05	1.76e-05	0.0
71	7	3.14e-03	-4.09e-04	-0.02	-1.51e-04	-3.76e-05	0.0
71	8	3.17e-03	-3.58e-04	-0.02	-1.49e-04	-3.99e-05	0.0
71	13	3.61e-05	-1.28e-03	-9.15e-03	-7.39e-05	-7.66e-06	0.0
71	15	9.13e-04	-9.74e-04	-0.01	-8.15e-05	-1.51e-05	0.0
71	16	9.17e-04	-9.71e-04	-0.01	-8.14e-05	-1.55e-05	0.0
71	21	3.27e-04	-4.09e-04	0.06	4.11e-04	-1.46e-04	0.0
71	22	4.95e-04	-1.22e-03	-0.02	-1.39e-04	5.29e-06	0.0
71	23	3.27e-04	-4.09e-04	0.06	4.11e-04	-1.46e-04	0.0
71	24	4.77e-04	-1.13e-03	-9.73e-03	-7.77e-05	-1.16e-05	0.0
72	1	2.78e-04	-5.79e-04	0.09	5.82e-04	-1.31e-04	0.0
72	2	5.60e-04	-1.80e-03	-0.06	-3.98e-04	3.93e-05	0.0
72	5	-2.15e-03	-1.65e-03	-0.01	-1.01e-04	2.27e-05	0.0
72	7	2.99e-03	-6.46e-04	-0.02	-1.41e-04	-4.13e-05	0.0
72	8	3.01e-03	-5.92e-04	-0.02	-1.38e-04	-4.29e-05	0.0
72	13	-7.48e-05	-1.20e-03	-8.86e-03	-7.22e-05	-5.31e-06	0.0
72	15	8.01e-04	-9.98e-04	-9.67e-03	-7.75e-05	-1.41e-05	0.0
72	16	8.03e-04	-9.94e-04	-9.66e-03	-7.73e-05	-1.43e-05	0.0
72	21	2.14e-04	-4.45e-04	0.07	4.48e-04	-1.00e-04	0.0
72	22	3.83e-04	-1.18e-03	-0.02	-1.40e-04	1.50e-06	0.0
72	23	2.14e-04	-4.45e-04	0.07	4.48e-04	-1.00e-04	0.0
72	24	3.64e-04	-1.10e-03	-9.26e-03	-7.47e-05	-9.83e-06	0.0
73	1	1.37e-04	-6.06e-04	0.09	6.11e-04	-6.63e-05	0.0
73	2	4.12e-04	-1.76e-03	-0.06	-4.06e-04	1.68e-05	0.0
73	5	-2.28e-03	-1.38e-03	-0.01	-1.09e-04	2.79e-05	0.0
73	7	2.84e-03	-8.88e-04	-0.02	-1.29e-04	-4.09e-05	0.0
73	8	2.85e-03	-8.31e-04	-0.02	-1.26e-04	-4.18e-05	0.0
73	13	-1.86e-04	-1.14e-03	-8.70e-03	-7.12e-05	-1.84e-06	0.0
73	15	6.89e-04	-1.04e-03	-9.12e-03	-7.40e-05	-1.13e-05	0.0
73	16	6.90e-04	-1.03e-03	-9.09e-03	-7.37e-05	-1.15e-05	0.0
73	21	1.06e-04	-4.66e-04	0.07	4.70e-04	-5.10e-05	0.0
73	22	2.71e-04	-1.16e-03	-0.02	-1.40e-04	-1.12e-06	0.0
73	23	1.06e-04	-4.66e-04	0.07	4.70e-04	-5.10e-05	0.0
73	24	2.52e-04	-1.08e-03	-8.89e-03	-7.25e-05	-6.66e-06	0.0
74	1	0.0	-6.15e-04	0.09	6.21e-04	0.0	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
74	2	2.64e-04	-1.77e-03	-0.06	-4.08e-04	-5.19e-06	0.0
74	4	2.64e-04	-1.63e-03	-0.08	-5.51e-04	-5.19e-06	0.0
74	5	-2.42e-03	-1.14e-03	-0.02	-1.18e-04	3.24e-05	0.0
74	8	2.70e-03	-1.08e-03	-0.01	-1.14e-04	-3.80e-05	0.0
74	11	9.08e-04	-1.26e-03	-0.01	-9.37e-05	-1.33e-05	0.0
74	16	5.78e-04	-1.09e-03	-8.67e-03	-7.10e-05	-7.64e-06	0.0
74	17	9.52e-06	-1.09e-03	-8.74e-03	-7.16e-05	-1.30e-06	0.0
74	19	2.72e-04	-1.09e-03	-8.74e-03	-7.16e-05	-4.23e-06	0.0
74	21	0.0	-4.73e-04	0.07	4.78e-04	0.0	0.0
74	22	1.58e-04	-1.16e-03	-0.02	-1.40e-04	-3.11e-06	0.0
74	23	0.0	-4.73e-04	0.07	4.78e-04	0.0	0.0
74	24	1.41e-04	-1.09e-03	-8.69e-03	-7.11e-05	-2.77e-06	0.0
75	1	-1.37e-04	-6.06e-04	0.09	6.11e-04	6.63e-05	0.0
75	2	1.16e-04	-1.81e-03	-0.06	-4.03e-04	-2.70e-05	0.0
75	4	1.47e-04	-1.67e-03	-0.08	-5.44e-04	-4.23e-05	0.0
75	5	-2.56e-03	-9.13e-04	-0.02	-1.27e-04	3.55e-05	0.0
75	6	-2.57e-03	-8.56e-04	-0.02	-1.24e-04	3.64e-05	0.0
75	7	2.56e-03	-1.41e-03	-0.01	-1.07e-04	-3.33e-05	0.0
75	13	-4.07e-04	-1.06e-03	-8.88e-03	-7.24e-05	5.93e-06	0.0
75	15	4.67e-04	-1.16e-03	-8.46e-03	-6.96e-05	-3.57e-06	0.0
75	21	-1.06e-04	-4.66e-04	0.07	4.70e-04	5.10e-05	0.0
75	22	4.63e-05	-1.19e-03	-0.02	-1.38e-04	-4.97e-06	0.0
75	23	-1.06e-04	-4.66e-04	0.07	4.70e-04	5.10e-05	0.0
75	24	2.94e-05	-1.11e-03	-8.66e-03	-7.08e-05	1.25e-06	0.0
76	1	-2.78e-04	-5.79e-04	0.09	5.82e-04	1.31e-04	0.0
76	2	-3.03e-05	-1.89e-03	-0.05	-3.92e-04	-4.88e-05	0.0
76	5	-2.70e-03	-6.97e-04	-0.02	-1.37e-04	3.62e-05	0.0
76	6	-2.72e-03	-6.43e-04	-0.02	-1.35e-04	3.79e-05	0.0
76	7	2.43e-03	-1.70e-03	-0.01	-9.82e-05	-2.78e-05	0.0
76	13	-5.18e-04	-1.05e-03	-9.21e-03	-7.44e-05	9.04e-06	0.0
76	14	-5.21e-04	-1.04e-03	-9.19e-03	-7.41e-05	9.28e-06	0.0
76	15	3.57e-04	-1.25e-03	-8.40e-03	-6.91e-05	0.0	0.0
76	21	-2.14e-04	-4.45e-04	0.07	4.48e-04	1.00e-04	0.0
76	22	-6.52e-05	-1.23e-03	-0.02	-1.37e-04	-7.18e-06	0.0
76	23	-2.14e-04	-4.45e-04	0.07	4.48e-04	1.00e-04	0.0
76	24	-8.17e-05	-1.15e-03	-8.79e-03	-7.16e-05	4.77e-06	0.0
77	1	-4.26e-04	-5.32e-04	0.08	5.34e-04	1.90e-04	0.0
77	2	-1.73e-04	-2.02e-03	-0.05	-3.73e-04	-7.08e-05	0.0
77	5	-2.85e-03	-4.86e-04	-0.02	-1.47e-04	3.32e-05	0.0
77	6	-2.88e-03	-4.36e-04	-0.02	-1.45e-04	3.55e-05	0.0
77	7	2.30e-03	-2.02e-03	-0.01	-9.08e-05	-2.20e-05	0.0
77	13	-6.29e-04	-1.05e-03	-9.65e-03	-7.70e-05	1.07e-05	0.0
77	14	-6.33e-04	-1.05e-03	-9.65e-03	-7.69e-05	1.11e-05	0.0
77	15	2.48e-04	-1.36e-03	-8.48e-03	-6.94e-05	3.26e-06	0.0
77	21	-3.27e-04	-4.09e-04	0.06	4.11e-04	1.46e-04	0.0
77	22	-1.76e-04	-1.30e-03	-0.02	-1.34e-04	-1.02e-05	0.0
77	23	-3.27e-04	-4.09e-04	0.06	4.11e-04	1.46e-04	0.0
77	24	-1.93e-04	-1.20e-03	-9.06e-03	-7.31e-05	7.16e-06	0.0
78	1	-5.85e-04	-4.60e-04	0.07	4.70e-04	2.43e-04	0.0
78	2	-3.10e-04	-2.20e-03	-0.05	-3.49e-04	-9.31e-05	0.0
78	5	-3.01e-03	-2.75e-04	-0.02	-1.54e-04	2.50e-05	0.0
78	6	-3.05e-03	-2.29e-04	-0.02	-1.53e-04	2.76e-05	0.0
78	7	2.17e-03	-2.38e-03	-0.01	-8.49e-05	-1.68e-05	0.0
78	14	-7.46e-04	-1.07e-03	-0.01	-7.96e-05	1.06e-05	0.0
78	15	1.40e-04	-1.49e-03	-8.67e-03	-7.04e-05	4.74e-06	0.0
78	21	-4.50e-04	-3.54e-04	0.05	3.62e-04	1.87e-04	0.0
78	22	-2.85e-04	-1.40e-03	-0.02	-1.30e-04	-1.47e-05	0.0
78	23	-4.50e-04	-3.54e-04	0.05	3.62e-04	1.87e-04	0.0
78	24	-3.03e-04	-1.28e-03	-9.40e-03	-7.50e-05	7.67e-06	0.0
79	1	-7.60e-04	-3.56e-04	0.06	3.93e-04	2.84e-04	0.0
79	2	-4.37e-04	-2.43e-03	-0.04	-3.17e-04	-1.16e-04	0.0
79	6	-3.23e-03	-1.29e-05	-0.02	-1.58e-04	1.20e-05	0.0
79	7	2.06e-03	-2.80e-03	-9.71e-03	-8.06e-05	-1.27e-05	0.0
79	14	-8.59e-04	-1.11e-03	-0.01	-8.17e-05	6.81e-06	0.0
79	15	3.42e-05	-1.65e-03	-8.88e-03	-7.13e-05	3.87e-06	0.0
79	21	-5.85e-04	-2.73e-04	0.05	3.02e-04	2.18e-04	0.0
79	22	-3.91e-04	-1.52e-03	-0.02	-1.24e-04	-2.13e-05	0.0
79	23	-5.85e-04	-2.73e-04	0.05	3.02e-04	2.18e-04	0.0
79	24	-4.12e-04	-1.38e-03	-9.71e-03	-7.65e-05	5.34e-06	0.0
80	1	-9.61e-04	-2.04e-04	0.05	3.07e-04	3.08e-04	0.0
80	2	-5.49e-04	-2.74e-03	-0.04	-2.80e-04	-1.38e-04	0.0
80	4	-3.27e-04	-2.69e-03	-0.05	-3.50e-04	-2.09e-04	0.0
80	6	-3.42e-03	2.26e-04	-0.02	-1.56e-04	-1.40e-05	0.0
80	7	1.97e-03	-3.28e-03	-9.23e-03	-7.72e-05	-1.06e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
80	14	-9.72e-04	-1.16e-03	-0.01	-8.18e-05	-1.62e-06	0.0
80	15	-6.65e-05	-1.85e-03	-8.99e-03	-7.15e-05	0.0	0.0
80	21	-7.39e-04	-1.57e-04	0.04	2.36e-04	2.37e-04	0.0
80	22	-4.92e-04	-1.68e-03	-0.02	-1.16e-04	-3.08e-05	0.0
80	23	-7.39e-04	-1.57e-04	0.04	2.36e-04	2.37e-04	0.0
80	24	-5.19e-04	-1.51e-03	-9.85e-03	-7.66e-05	-1.01e-06	0.0
81	1	-1.20e-03	2.03e-05	0.03	2.19e-04	3.07e-04	0.0
81	4	-3.59e-04	-3.14e-03	-0.04	-2.86e-04	-2.31e-04	0.0
81	6	-3.64e-03	5.07e-04	-0.02	-1.44e-04	-5.41e-05	0.0
81	7	1.90e-03	-3.86e-03	-8.78e-03	-7.44e-05	-1.14e-05	0.0
81	14	-1.09e-03	-1.24e-03	-0.01	-7.84e-05	-1.64e-05	0.0
81	15	-1.58e-04	-2.09e-03	-8.83e-03	-6.98e-05	-9.47e-06	0.0
81	21	-9.22e-04	1.56e-05	0.02	1.69e-04	2.36e-04	0.0
81	22	-5.84e-04	-1.88e-03	-0.01	-1.04e-04	-4.41e-05	0.0
81	23	-9.22e-04	1.56e-05	0.02	1.69e-04	2.36e-04	0.0
81	24	-6.22e-04	-1.67e-03	-9.61e-03	-7.41e-05	-1.30e-05	0.0
82	1	-1.49e-03	3.69e-04	0.02	1.39e-04	2.70e-04	0.0
82	4	-3.40e-04	-3.75e-03	-0.03	-2.19e-04	-2.43e-04	0.0
82	6	-3.89e-03	8.70e-04	-0.02	-1.17e-04	-1.13e-04	0.0
82	7	1.87e-03	-4.58e-03	-8.23e-03	-7.12e-05	-1.63e-05	0.0
82	14	-1.20e-03	-1.34e-03	-9.27e-03	-6.96e-05	-3.99e-05	0.0
82	15	-2.35e-04	-2.40e-03	-8.15e-03	-6.48e-05	-2.51e-05	0.0
82	21	-1.15e-03	2.84e-04	0.02	1.07e-04	2.08e-04	0.0
82	22	-6.63e-04	-2.14e-03	-0.01	-8.89e-05	-6.26e-05	0.0
82	23	-1.15e-03	2.84e-04	0.02	1.07e-04	2.08e-04	0.0
82	24	-7.16e-04	-1.87e-03	-8.71e-03	-6.72e-05	-3.25e-05	0.0
83	1	-1.85e-03	9.32e-04	9.44e-03	7.70e-05	1.81e-04	0.0
83	4	-2.57e-04	-4.62e-03	-0.02	-1.50e-04	-2.39e-04	0.0
83	6	-4.20e-03	1.38e-03	-0.01	-6.55e-05	-1.97e-04	0.0
83	7	1.90e-03	-5.51e-03	-7.35e-03	-6.62e-05	-2.71e-05	0.0
83	14	-1.31e-03	-1.47e-03	-6.92e-03	-5.09e-05	-7.53e-05	0.0
83	15	-2.95e-04	-2.79e-03	-6.64e-03	-5.33e-05	-4.98e-05	0.0
83	21	-1.43e-03	7.17e-04	7.27e-03	5.92e-05	1.39e-04	0.0
83	22	-7.25e-04	-2.48e-03	-8.53e-03	-6.61e-05	-8.78e-05	0.0
83	23	-1.43e-03	7.17e-04	7.27e-03	5.92e-05	1.39e-04	0.0
83	24	-8.03e-04	-2.13e-03	-6.78e-03	-5.21e-05	-6.26e-05	0.0
84	1	-2.28e-03	1.83e-03	4.49e-03	5.18e-05	1.33e-05	2.36e-05
84	4	-1.19e-04	-5.84e-03	-9.21e-03	-1.14e-04	-2.08e-04	2.18e-05
84	6	-4.56e-03	2.12e-03	-2.64e-04	-3.26e-05	-3.13e-04	8.38e-05
84	7	1.98e-03	-6.73e-03	-5.86e-03	-6.31e-05	-4.51e-05	-1.59e-05
84	8	1.92e-03	-6.68e-03	-5.97e-03	-6.54e-05	-4.85e-05	-1.48e-05
84	14	-1.43e-03	-1.62e-03	-2.76e-03	-3.88e-05	-1.26e-04	2.82e-05
84	15	-3.39e-04	-3.30e-03	-3.83e-03	-4.58e-05	-8.63e-05	1.20e-05
84	16	-3.46e-04	-3.29e-03	-3.86e-03	-4.63e-05	-8.68e-05	1.22e-05
84	21	-1.75e-03	1.41e-03	3.45e-03	3.98e-05	1.03e-05	1.82e-05
84	22	-7.73e-04	-2.94e-03	-4.14e-03	-5.26e-05	-1.21e-04	2.04e-05
84	23	-1.75e-03	1.41e-03	3.45e-03	3.98e-05	1.03e-05	1.82e-05
84	24	-8.82e-04	-2.46e-03	-3.30e-03	-4.23e-05	-1.06e-04	2.01e-05
85	1	2.43e-03	1.07e-03	0.01	6.98e-05	-2.23e-04	0.0
85	4	1.02e-03	-5.01e-03	-0.03	-1.47e-04	3.28e-04	0.0
85	5	-2.41e-03	-6.63e-03	-0.01	-7.26e-05	4.76e-05	0.0
85	8	6.15e-03	2.21e-03	-0.01	-5.68e-05	2.68e-04	0.0
85	13	6.95e-04	-3.14e-03	-9.39e-03	-5.56e-05	7.82e-05	0.0
85	16	2.14e-03	-1.43e-03	-9.57e-03	-5.06e-05	1.12e-04	0.0
85	20	1.65e-03	-2.03e-03	-9.62e-03	-5.34e-05	1.00e-04	0.0
85	21	1.87e-03	8.24e-04	9.43e-03	5.37e-05	-1.72e-04	0.0
85	22	1.36e-03	-2.67e-03	-0.01	-6.65e-05	1.28e-04	0.0
85	23	1.87e-03	8.24e-04	9.43e-03	5.37e-05	-1.72e-04	0.0
85	24	1.42e-03	-2.29e-03	-9.48e-03	-5.31e-05	9.49e-05	0.0
86	1	2.90e-03	1.93e-03	6.16e-03	4.97e-05	-1.86e-05	-1.86e-05
86	4	9.52e-04	-6.11e-03	-0.01	-1.14e-04	3.07e-04	-2.80e-05
86	5	-2.43e-03	-7.91e-03	-8.08e-03	-6.87e-05	7.78e-05	1.51e-05
86	6	-2.35e-03	-7.86e-03	-8.29e-03	-7.18e-05	8.21e-05	1.40e-05
86	8	6.58e-03	3.09e-03	2.01e-04	-2.60e-05	4.21e-04	-8.19e-05
86	13	7.90e-04	-3.62e-03	-5.06e-03	-4.75e-05	1.32e-04	-1.35e-05
86	14	8.01e-04	-3.61e-03	-5.11e-03	-4.82e-05	1.32e-04	-1.37e-05
86	16	2.30e-03	-1.51e-03	-3.47e-03	-3.82e-05	1.83e-04	-2.97e-05
86	21	2.23e-03	1.49e-03	4.74e-03	3.82e-05	-1.43e-05	-1.43e-05
86	22	1.46e-03	-3.07e-03	-5.39e-03	-5.30e-05	1.79e-04	-2.25e-05
86	23	2.23e-03	1.49e-03	4.74e-03	3.82e-05	-1.43e-05	-1.43e-05
86	24	1.55e-03	-2.56e-03	-4.27e-03	-4.28e-05	1.57e-04	-2.16e-05
87	1	2.01e-03	4.65e-04	0.02	1.20e-04	-3.37e-04	0.0
87	4	1.06e-03	-4.17e-03	-0.04	-2.10e-04	3.22e-04	0.0
87	5	-2.41e-03	-5.59e-03	-0.01	-7.88e-05	2.83e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
87	8	5.76e-03	1.53e-03	-0.02	-1.06e-04	1.55e-04	0.0
87	13	5.91e-04	-2.75e-03	-0.01	-6.83e-05	4.08e-05	0.0
87	16	1.97e-03	-1.37e-03	-0.01	-7.01e-05	6.05e-05	0.0
87	21	1.54e-03	3.58e-04	0.02	9.21e-05	-2.59e-04	0.0
87	22	1.25e-03	-2.36e-03	-0.02	-8.94e-05	8.94e-05	0.0
87	23	1.54e-03	3.58e-04	0.02	9.21e-05	-2.59e-04	0.0
87	24	1.28e-03	-2.06e-03	-0.01	-6.92e-05	5.07e-05	0.0
88	1	1.63e-03	5.13e-05	0.04	1.86e-04	-3.85e-04	0.0
88	4	1.05e-03	-3.54e-03	-0.05	-2.70e-04	2.99e-04	0.0
88	5	-2.46e-03	-4.75e-03	-0.01	-8.24e-05	1.77e-05	0.0
88	8	5.42e-03	1.01e-03	-0.03	-1.32e-04	7.56e-05	0.0
88	13	4.79e-04	-2.43e-03	-0.01	-7.43e-05	1.63e-05	0.0
88	16	1.82e-03	-1.31e-03	-0.01	-7.98e-05	2.59e-05	0.0
88	21	1.26e-03	3.94e-05	0.03	1.43e-04	-2.96e-04	0.0
88	22	1.13e-03	-2.11e-03	-0.02	-1.05e-04	6.08e-05	0.0
88	23	1.26e-03	3.94e-05	0.03	1.43e-04	-2.96e-04	0.0
88	24	1.15e-03	-1.87e-03	-0.01	-7.71e-05	2.11e-05	0.0
89	1	1.32e-03	-2.32e-04	0.06	2.59e-04	-3.88e-04	0.0
89	2	1.32e-03	-3.13e-03	-0.05	-2.65e-04	1.76e-04	0.0
89	4	1.01e-03	-3.07e-03	-0.07	-3.25e-04	2.66e-04	0.0
89	5	-2.55e-03	-4.06e-03	-0.01	-8.51e-05	1.35e-05	0.0
89	8	5.12e-03	5.85e-04	-0.03	-1.45e-04	2.07e-05	0.0
89	13	3.59e-04	-2.18e-03	-0.01	-7.66e-05	1.29e-06	0.0
89	16	1.67e-03	-1.27e-03	-0.02	-8.40e-05	3.36e-06	0.0
89	21	1.01e-03	-1.78e-04	0.04	1.99e-04	-2.99e-04	0.0
89	22	1.01e-03	-1.92e-03	-0.02	-1.15e-04	4.00e-05	0.0
89	23	1.01e-03	-1.78e-04	0.04	1.99e-04	-2.99e-04	0.0
89	24	1.01e-03	-1.72e-03	-0.01	-8.03e-05	2.33e-06	0.0
90	2	1.18e-03	-2.82e-03	-0.06	-2.98e-04	1.43e-04	0.0
90	4	9.39e-04	-2.72e-03	-0.08	-3.74e-04	2.26e-04	0.0
90	5	-2.66e-03	-3.48e-03	-0.01	-8.77e-05	1.37e-05	0.0
90	8	4.86e-03	2.22e-04	-0.03	-1.48e-04	-1.56e-05	0.0
90	13	2.33e-04	-1.97e-03	-0.01	-7.67e-05	-6.82e-06	0.0
90	16	1.52e-03	-1.24e-03	-0.02	-8.44e-05	-1.02e-05	0.0
90	21	8.03e-04	-3.30e-04	0.06	2.55e-04	-2.76e-04	0.0
90	22	8.85e-04	-1.77e-03	-0.02	-1.22e-04	2.50e-05	0.0
90	23	8.03e-04	-3.30e-04	0.06	2.55e-04	-2.76e-04	0.0
90	24	8.76e-04	-1.61e-03	-0.01	-8.05e-05	-8.49e-06	0.0
91	1	8.02e-04	-5.68e-04	0.09	3.97e-04	-3.08e-04	0.0
91	2	1.03e-03	-2.60e-03	-0.06	-3.24e-04	1.11e-04	0.0
91	5	-2.79e-03	-2.97e-03	-0.01	-9.08e-05	1.71e-05	0.0
91	7	4.57e-03	-1.71e-04	-0.03	-1.46e-04	-3.41e-05	0.0
91	8	4.62e-03	-1.07e-04	-0.03	-1.45e-04	-3.78e-05	0.0
91	13	1.03e-04	-1.80e-03	-0.01	-7.55e-05	-9.90e-06	0.0
91	16	1.37e-03	-1.24e-03	-0.01	-8.26e-05	-1.70e-05	0.0
91	21	6.17e-04	-4.37e-04	0.07	3.05e-04	-2.37e-04	0.0
91	22	7.54e-04	-1.65e-03	-0.02	-1.27e-04	1.45e-05	0.0
91	23	6.17e-04	-4.37e-04	0.07	3.05e-04	-2.37e-04	0.0
91	24	7.39e-04	-1.52e-03	-0.01	-7.91e-05	-1.35e-05	0.0
92	1	5.83e-04	-6.65e-04	0.10	4.51e-04	-2.42e-04	0.0
92	2	8.72e-04	-2.43e-03	-0.07	-3.44e-04	8.02e-05	0.0
92	5	-2.93e-03	-2.53e-03	-0.02	-9.48e-05	2.25e-05	0.0
92	7	4.36e-03	-4.92e-04	-0.03	-1.40e-04	-4.63e-05	0.0
92	8	4.40e-03	-4.21e-04	-0.03	-1.38e-04	-4.95e-05	0.0
92	13	-2.82e-05	-1.66e-03	-0.01	-7.40e-05	-9.42e-06	0.0
92	15	1.23e-03	-1.25e-03	-0.01	-7.99e-05	-1.86e-05	0.0
92	16	1.23e-03	-1.25e-03	-0.01	-7.97e-05	-1.91e-05	0.0
92	21	4.48e-04	-5.12e-04	0.08	3.47e-04	-1.86e-04	0.0
92	22	6.22e-04	-1.57e-03	-0.02	-1.30e-04	7.21e-06	0.0
92	23	4.48e-04	-5.12e-04	0.08	3.47e-04	-1.86e-04	0.0
92	24	6.02e-04	-1.46e-03	-0.01	-7.69e-05	-1.43e-05	0.0
93	1	3.80e-04	-7.29e-04	0.11	4.92e-04	-1.66e-04	0.0
93	2	7.07e-04	-2.33e-03	-0.07	-3.58e-04	5.05e-05	0.0
93	5	-3.08e-03	-2.14e-03	-0.02	-9.99e-05	2.88e-05	0.0
93	7	4.16e-03	-8.08e-04	-0.02	-1.32e-04	-5.14e-05	0.0
93	8	4.19e-03	-7.31e-04	-0.02	-1.28e-04	-5.37e-05	0.0
93	13	-1.61e-04	-1.55e-03	-0.01	-7.27e-05	-6.57e-06	0.0
93	15	1.09e-03	-1.29e-03	-0.01	-7.69e-05	-1.75e-05	0.0
93	16	1.09e-03	-1.28e-03	-0.01	-7.65e-05	-1.78e-05	0.0
93	21	2.92e-04	-5.61e-04	0.08	3.78e-04	-1.28e-04	0.0
93	22	4.88e-04	-1.52e-03	-0.02	-1.31e-04	2.24e-06	0.0
93	23	2.92e-04	-5.61e-04	0.08	3.78e-04	-1.28e-04	0.0
93	24	4.67e-04	-1.42e-03	-0.01	-7.46e-05	-1.22e-05	0.0
94	1	1.88e-04	-7.66e-04	0.11	5.17e-04	-8.43e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
94	2	5.39e-04	-2.29e-03	-0.07	-3.65e-04	2.17e-05	0.0
94	5	-3.24e-03	-1.79e-03	-0.02	-1.06e-04	3.52e-05	0.0
94	7	3.98e-03	-1.13e-03	-0.02	-1.23e-04	-5.13e-05	0.0
94	8	3.99e-03	-1.05e-03	-0.02	-1.19e-04	-5.26e-05	0.0
94	13	-2.94e-04	-1.47e-03	-0.01	-7.19e-05	-2.29e-06	0.0
94	15	9.55e-04	-1.34e-03	-0.01	-7.41e-05	-1.42e-05	0.0
94	16	9.57e-04	-1.33e-03	-0.01	-7.37e-05	-1.43e-05	0.0
94	21	1.44e-04	-5.89e-04	0.09	3.98e-04	-6.49e-05	0.0
94	22	3.55e-04	-1.50e-03	-0.02	-1.32e-04	-1.25e-06	0.0
94	23	1.44e-04	-5.89e-04	0.09	3.98e-04	-6.49e-05	0.0
94	24	3.32e-04	-1.40e-03	-0.01	-7.28e-05	-8.32e-06	0.0
95	1	0.0	-7.78e-04	0.12	5.26e-04	0.0	0.0
95	2	3.70e-04	-2.29e-03	-0.07	-3.67e-04	-6.57e-06	0.0
95	4	3.70e-04	-2.11e-03	-0.10	-4.88e-04	-6.57e-06	0.0
95	5	-3.41e-03	-1.47e-03	-0.02	-1.13e-04	4.08e-05	0.0
95	8	3.81e-03	-1.38e-03	-0.02	-1.09e-04	-4.78e-05	0.0
95	11	1.28e-03	-1.64e-03	-0.02	-9.52e-05	-1.68e-05	0.0
95	16	8.21e-04	-1.40e-03	-0.01	-7.15e-05	-9.59e-06	0.0
95	19	3.84e-04	-1.42e-03	-0.01	-7.24e-05	-5.33e-06	0.0
95	21	0.0	-5.98e-04	0.09	4.04e-04	0.0	0.0
95	22	2.22e-04	-1.51e-03	-0.02	-1.31e-04	-3.94e-06	0.0
95	23	0.0	-5.98e-04	0.09	4.04e-04	0.0	0.0
95	24	1.97e-04	-1.41e-03	-0.01	-7.17e-05	-3.50e-06	0.0
96	1	-1.88e-04	-7.66e-04	0.11	5.17e-04	8.43e-05	0.0
96	2	2.02e-04	-2.35e-03	-0.07	-3.63e-04	-3.46e-05	0.0
96	4	2.45e-04	-2.17e-03	-0.10	-4.82e-04	-5.40e-05	0.0
96	5	-3.59e-03	-1.16e-03	-0.02	-1.21e-04	4.45e-05	0.0
96	7	3.64e-03	-1.82e-03	-0.02	-1.05e-04	-4.21e-05	0.0
96	13	-5.60e-04	-1.37e-03	-0.01	-7.27e-05	7.31e-06	0.0
96	15	6.89e-04	-1.50e-03	-0.01	-7.06e-05	-4.56e-06	0.0
96	21	-1.44e-04	-5.89e-04	0.09	3.98e-04	6.49e-05	0.0
96	22	8.93e-05	-1.54e-03	-0.02	-1.30e-04	-6.46e-06	0.0
96	23	-1.44e-04	-5.89e-04	0.09	3.98e-04	6.49e-05	0.0
96	24	6.33e-05	-1.43e-03	-0.01	-7.14e-05	1.47e-06	0.0
97	1	-3.80e-04	-7.29e-04	0.11	4.92e-04	1.66e-04	0.0
97	2	3.67e-05	-2.46e-03	-0.07	-3.53e-04	-6.25e-05	0.0
97	5	-3.77e-03	-8.75e-04	-0.02	-1.29e-04	4.50e-05	0.0
97	6	-3.79e-03	-7.99e-04	-0.02	-1.26e-04	4.74e-05	0.0
97	7	3.48e-03	-2.21e-03	-0.02	-9.73e-05	-3.52e-05	0.0
97	13	-6.94e-04	-1.35e-03	-0.01	-7.42e-05	1.11e-05	0.0
97	14	-6.97e-04	-1.35e-03	-0.01	-7.39e-05	1.14e-05	0.0
97	15	5.57e-04	-1.62e-03	-0.01	-7.00e-05	0.0	0.0
97	21	-2.92e-04	-5.61e-04	0.08	3.78e-04	1.28e-04	0.0
97	22	-4.23e-05	-1.60e-03	-0.02	-1.28e-04	-9.42e-06	0.0
97	23	-2.92e-04	-5.61e-04	0.08	3.78e-04	1.28e-04	0.0
97	24	-7.01e-05	-1.48e-03	-0.01	-7.20e-05	5.82e-06	0.0
98	1	-5.83e-04	-6.65e-04	0.10	4.51e-04	2.42e-04	0.0
98	2	-1.23e-04	-2.63e-03	-0.07	-3.37e-04	-9.06e-05	0.0
98	5	-3.96e-03	-5.95e-04	-0.03	-1.37e-04	4.08e-05	0.0
98	6	-4.00e-03	-5.24e-04	-0.03	-1.34e-04	4.40e-05	0.0
98	7	3.33e-03	-2.64e-03	-0.01	-9.11e-05	-2.80e-05	0.0
98	13	-8.28e-04	-1.36e-03	-0.01	-7.61e-05	1.31e-05	0.0
98	14	-8.34e-04	-1.35e-03	-0.01	-7.59e-05	1.36e-05	0.0
98	15	4.28e-04	-1.76e-03	-0.01	-7.02e-05	3.88e-06	0.0
98	21	-4.48e-04	-5.12e-04	0.08	3.47e-04	1.86e-04	0.0
98	22	-1.72e-04	-1.69e-03	-0.02	-1.26e-04	-1.34e-05	0.0
98	23	-4.48e-04	-5.12e-04	0.08	3.47e-04	1.86e-04	0.0
98	24	-2.03e-04	-1.56e-03	-0.01	-7.31e-05	8.73e-06	0.0
99	1	-8.02e-04	-5.68e-04	0.09	3.97e-04	3.08e-04	0.0
99	2	-2.73e-04	-2.86e-03	-0.06	-3.15e-04	-1.19e-04	0.0
99	5	-4.17e-03	-3.13e-04	-0.03	-1.42e-04	2.99e-05	0.0
99	6	-4.22e-03	-2.49e-04	-0.03	-1.40e-04	3.35e-05	0.0
99	7	3.19e-03	-3.12e-03	-0.01	-8.62e-05	-2.13e-05	0.0
99	14	-9.70e-04	-1.38e-03	-0.01	-7.79e-05	1.28e-05	0.0
99	15	3.01e-04	-1.94e-03	-0.01	-7.09e-05	5.67e-06	0.0
99	21	-6.17e-04	-4.37e-04	0.07	3.05e-04	2.37e-04	0.0
99	22	-3.00e-04	-1.81e-03	-0.02	-1.22e-04	-1.92e-05	0.0
99	23	-6.17e-04	-4.37e-04	0.07	3.05e-04	2.37e-04	0.0
99	24	-3.35e-04	-1.66e-03	-0.01	-7.44e-05	9.24e-06	0.0
100	1	-1.04e-03	-4.29e-04	0.07	3.31e-04	3.59e-04	0.0
100	2	-4.11e-04	-3.17e-03	-0.06	-2.88e-04	-1.47e-04	0.0
100	6	-4.45e-03	3.71e-05	-0.03	-1.43e-04	1.33e-05	0.0
100	7	3.07e-03	-3.66e-03	-0.01	-8.25e-05	-1.60e-05	0.0
100	14	-1.11e-03	-1.43e-03	-0.01	-7.92e-05	7.83e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
100	15	1.77e-04	-2.15e-03	-0.01	-7.15e-05	4.50e-06	0.0
100	21	-8.03e-04	-3.30e-04	0.06	2.55e-04	2.76e-04	0.0
100	22	-4.23e-04	-1.97e-03	-0.02	-1.17e-04	-2.76e-05	0.0
100	23	-8.03e-04	-3.30e-04	0.06	2.55e-04	2.76e-04	0.0
100	24	-4.65e-04	-1.79e-03	-0.01	-7.54e-05	6.17e-06	0.0
101	1	-1.32e-03	-2.32e-04	0.06	2.59e-04	3.88e-04	0.0
101	2	-5.29e-04	-3.57e-03	-0.05	-2.55e-04	-1.75e-04	0.0
101	4	-2.25e-04	-3.51e-03	-0.06	-3.15e-04	-2.65e-04	0.0
101	6	-4.70e-03	3.50e-04	-0.03	-1.40e-04	-2.03e-05	0.0
101	7	2.97e-03	-4.30e-03	-0.01	-7.99e-05	-1.31e-05	0.0
101	14	-1.25e-03	-1.50e-03	-0.01	-7.87e-05	-2.99e-06	0.0
101	15	6.04e-05	-2.41e-03	-0.01	-7.14e-05	0.0	0.0
101	21	-1.01e-03	-1.78e-04	0.04	1.99e-04	2.99e-04	0.0
101	22	-5.40e-04	-2.18e-03	-0.02	-1.09e-04	-3.95e-05	0.0
101	23	-1.01e-03	-1.78e-04	0.04	1.99e-04	2.99e-04	0.0
101	24	-5.93e-04	-1.96e-03	-0.01	-7.51e-05	-1.95e-06	0.0
102	1	-1.63e-03	5.13e-05	0.04	1.86e-04	3.85e-04	0.0
102	4	-2.42e-04	-4.09e-03	-0.05	-2.61e-04	-2.91e-04	0.0
102	6	-4.99e-03	7.15e-04	-0.03	-1.28e-04	-7.15e-05	0.0
102	7	2.89e-03	-5.05e-03	-0.01	-7.79e-05	-1.36e-05	0.0
102	14	-1.38e-03	-1.60e-03	-0.01	-7.53e-05	-2.18e-05	0.0
102	15	-4.71e-05	-2.73e-03	-0.01	-6.98e-05	-1.23e-05	0.0
102	21	-1.26e-03	3.94e-05	0.03	1.43e-04	2.96e-04	0.0
102	22	-6.48e-04	-2.44e-03	-0.02	-9.95e-05	-5.62e-05	0.0
102	23	-1.26e-03	3.94e-05	0.03	1.43e-04	2.96e-04	0.0
102	24	-7.16e-04	-2.16e-03	-0.01	-7.25e-05	-1.70e-05	0.0
103	1	-2.01e-03	4.65e-04	0.02	1.20e-04	3.37e-04	0.0
103	4	-2.13e-04	-4.86e-03	-0.04	-2.05e-04	-3.05e-04	0.0
103	6	-5.31e-03	1.17e-03	-0.02	-1.03e-04	-1.46e-04	0.0
103	7	2.86e-03	-5.96e-03	-0.01	-7.59e-05	-1.92e-05	0.0
103	14	-1.52e-03	-1.73e-03	-0.01	-6.71e-05	-5.14e-05	0.0
103	15	-1.42e-04	-3.12e-03	-0.01	-6.54e-05	-3.17e-05	0.0
103	21	-1.54e-03	3.58e-04	0.02	9.21e-05	2.59e-04	0.0
103	22	-7.45e-04	-2.77e-03	-0.02	-8.61e-05	-7.91e-05	0.0
103	23	-1.54e-03	3.58e-04	0.02	9.21e-05	2.59e-04	0.0
103	24	-8.33e-04	-2.42e-03	-0.01	-6.63e-05	-4.15e-05	0.0
104	1	-2.43e-03	1.07e-03	0.01	6.98e-05	2.23e-04	0.0
104	4	-1.34e-04	-5.87e-03	-0.03	-1.47e-04	-2.98e-04	0.0
104	6	-5.68e-03	1.75e-03	-0.01	-5.69e-05	-2.52e-04	0.0
104	7	2.88e-03	-7.09e-03	-0.01	-7.27e-05	-3.16e-05	0.0
104	14	-1.67e-03	-1.89e-03	-9.19e-03	-5.07e-05	-9.56e-05	0.0
104	15	-2.23e-04	-3.60e-03	-9.01e-03	-5.57e-05	-6.22e-05	0.0
104	18	-1.18e-03	-2.49e-03	-9.23e-03	-5.35e-05	-8.44e-05	0.0
104	21	-1.87e-03	8.24e-04	9.43e-03	5.37e-05	1.72e-04	0.0
104	22	-8.29e-04	-3.19e-03	-0.01	-6.66e-05	-1.10e-04	0.0
104	23	-1.87e-03	8.24e-04	9.43e-03	5.37e-05	1.72e-04	0.0
104	24	-9.44e-04	-2.74e-03	-9.10e-03	-5.32e-05	-7.89e-05	0.0
105	1	-2.90e-03	1.93e-03	6.16e-03	4.97e-05	1.86e-05	1.86e-05
105	4	-1.72e-05	-7.19e-03	-0.01	-1.18e-04	-2.61e-04	1.68e-05
105	6	-6.09e-03	2.52e-03	-2.67e-04	-2.80e-05	-3.96e-04	7.59e-05
105	7	2.93e-03	-8.48e-03	-8.55e-03	-7.07e-05	-5.29e-05	-2.11e-05
105	8	2.85e-03	-8.44e-03	-8.76e-03	-7.38e-05	-5.72e-05	-2.00e-05
105	14	-1.81e-03	-2.09e-03	-3.94e-03	-4.02e-05	-1.58e-04	2.37e-05
105	15	-2.92e-04	-4.19e-03	-5.53e-03	-4.95e-05	-1.07e-04	7.55e-06
105	16	-3.03e-04	-4.19e-03	-5.58e-03	-5.02e-05	-1.07e-04	7.71e-06
105	21	-2.23e-03	1.49e-03	4.74e-03	3.82e-05	1.43e-05	1.43e-05
105	22	-9.02e-04	-3.72e-03	-5.92e-03	-5.53e-05	-1.51e-04	1.58e-05
105	23	-2.23e-03	1.49e-03	4.74e-03	3.82e-05	1.43e-05	1.43e-05
105	24	-1.05e-03	-3.14e-03	-4.74e-03	-4.49e-05	-1.32e-04	1.56e-05
106	1	2.90e-03	1.12e-03	0.01	6.24e-05	-2.57e-04	0.0
106	4	1.11e-03	-5.94e-03	-0.03	-1.41e-04	3.82e-04	0.0
106	5	-3.37e-03	-7.99e-03	-0.01	-7.77e-05	5.34e-05	0.0
106	8	7.74e-03	2.61e-03	-0.02	-4.65e-05	3.20e-04	0.0
106	13	6.87e-04	-3.79e-03	-0.01	-5.67e-05	9.15e-05	0.0
106	16	2.58e-03	-1.74e-03	-0.01	-4.90e-05	1.32e-04	0.0
106	18	1.38e-03	-3.07e-03	-0.01	-5.55e-05	1.06e-04	0.0
106	21	2.23e-03	8.62e-04	0.01	4.80e-05	-1.98e-04	0.0
106	22	1.56e-03	-3.22e-03	-0.01	-6.54e-05	1.50e-04	0.0
106	23	2.23e-03	8.62e-04	0.01	4.80e-05	-1.98e-04	0.0
106	24	1.63e-03	-2.77e-03	-0.01	-5.28e-05	1.12e-04	0.0
107	1	3.39e-03	1.92e-03	7.83e-03	4.72e-05	-2.33e-05	-1.41e-05
107	4	1.06e-03	-7.10e-03	-0.02	-1.15e-04	3.60e-04	-2.24e-05
107	5	-3.38e-03	-9.42e-03	-0.01	-7.51e-05	8.72e-05	2.01e-05
107	6	-3.27e-03	-9.37e-03	-0.01	-7.89e-05	9.22e-05	1.91e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
107	8	8.20e-03	3.51e-03	3.93e-04	-2.02e-05	4.97e-04	-7.33e-05
107	13	8.01e-04	-4.34e-03	-6.79e-03	-5.01e-05	1.53e-04	-9.04e-06
107	14	8.15e-04	-4.34e-03	-6.87e-03	-5.09e-05	1.53e-04	-9.19e-06
107	16	2.77e-03	-1.86e-03	-4.61e-03	-3.86e-05	2.14e-04	-2.50e-05
107	21	2.61e-03	1.48e-03	6.02e-03	3.63e-05	-1.79e-05	-1.09e-05
107	22	1.68e-03	-3.67e-03	-7.17e-03	-5.44e-05	2.09e-04	-1.78e-05
107	23	2.61e-03	1.48e-03	6.02e-03	3.63e-05	-1.79e-05	-1.09e-05
107	24	1.78e-03	-3.10e-03	-5.70e-03	-4.43e-05	1.83e-04	-1.70e-05
108	1	2.44e-03	5.13e-04	0.03	1.01e-04	-3.90e-04	0.0
108	4	1.14e-03	-5.02e-03	-0.05	-1.92e-04	3.76e-04	0.0
108	5	-3.40e-03	-6.80e-03	-0.02	-8.18e-05	3.19e-05	0.0
108	8	7.31e-03	1.88e-03	-0.03	-8.90e-05	1.87e-04	0.0
108	13	5.66e-04	-3.34e-03	-0.01	-6.71e-05	4.84e-05	0.0
108	16	2.40e-03	-1.65e-03	-0.02	-6.56e-05	7.27e-05	0.0
108	21	1.88e-03	3.95e-04	0.02	7.75e-05	-3.00e-04	0.0
108	22	1.43e-03	-2.86e-03	-0.02	-8.44e-05	1.06e-04	0.0
108	23	1.88e-03	3.95e-04	0.02	7.75e-05	-3.00e-04	0.0
108	24	1.48e-03	-2.49e-03	-0.02	-6.64e-05	6.06e-05	0.0
109	1	2.02e-03	6.75e-05	0.05	1.52e-04	-4.48e-04	0.0
109	4	1.13e-03	-4.30e-03	-0.06	-2.40e-04	3.51e-04	0.0
109	5	-3.46e-03	-5.81e-03	-0.02	-8.42e-05	2.02e-05	0.0
109	8	6.92e-03	1.28e-03	-0.03	-1.13e-04	9.32e-05	0.0
109	13	4.38e-04	-2.96e-03	-0.02	-7.24e-05	1.99e-05	0.0
109	16	2.22e-03	-1.58e-03	-0.02	-7.44e-05	3.21e-05	0.0
109	21	1.55e-03	5.19e-05	0.04	1.17e-04	-3.45e-04	0.0
109	22	1.30e-03	-2.56e-03	-0.02	-9.72e-05	7.24e-05	0.0
109	23	1.55e-03	5.19e-05	0.04	1.17e-04	-3.45e-04	0.0
109	24	1.33e-03	-2.27e-03	-0.02	-7.34e-05	2.60e-05	0.0
110	1	1.64e-03	-2.56e-04	0.07	2.10e-04	-4.54e-04	0.0
110	2	1.48e-03	-3.81e-03	-0.06	-2.37e-04	2.08e-04	0.0
110	4	1.10e-03	-3.75e-03	-0.08	-2.85e-04	3.13e-04	0.0
110	5	-3.54e-03	-4.97e-03	-0.02	-8.62e-05	1.56e-05	0.0
110	8	6.56e-03	7.77e-04	-0.04	-1.25e-04	2.78e-05	0.0
110	13	3.03e-04	-2.65e-03	-0.02	-7.47e-05	2.28e-06	0.0
110	16	2.05e-03	-1.53e-03	-0.02	-7.87e-05	5.44e-06	0.0
110	21	1.26e-03	-1.97e-04	0.05	1.61e-04	-3.49e-04	0.0
110	22	1.16e-03	-2.33e-03	-0.03	-1.06e-04	4.80e-05	0.0
110	23	1.26e-03	-1.97e-04	0.05	1.61e-04	-3.49e-04	0.0
110	24	1.17e-03	-2.09e-03	-0.02	-7.67e-05	3.86e-06	0.0
111	2	1.33e-03	-3.44e-03	-0.07	-2.63e-04	1.69e-04	0.0
111	4	1.03e-03	-3.32e-03	-0.09	-3.25e-04	2.67e-04	0.0
111	5	-3.66e-03	-4.26e-03	-0.02	-8.81e-05	1.61e-05	0.0
111	8	6.25e-03	3.35e-04	-0.04	-1.29e-04	-1.56e-05	0.0
111	13	1.63e-04	-2.40e-03	-0.02	-7.51e-05	-7.33e-06	0.0
111	16	1.88e-03	-1.50e-03	-0.02	-7.99e-05	-1.07e-05	0.0
111	21	1.00e-03	-3.77e-04	0.07	2.06e-04	-3.24e-04	0.0
111	22	1.02e-03	-2.14e-03	-0.03	-1.13e-04	3.04e-05	0.0
111	23	1.00e-03	-3.77e-04	0.07	2.06e-04	-3.24e-04	0.0
111	24	1.02e-03	-1.95e-03	-0.02	-7.75e-05	-9.01e-06	0.0
112	1	1.01e-03	-6.61e-04	0.10	3.20e-04	-3.62e-04	0.0
112	2	1.18e-03	-3.16e-03	-0.08	-2.85e-04	1.32e-04	0.0
112	5	-3.80e-03	-3.64e-03	-0.02	-9.06e-05	2.02e-05	0.0
112	7	5.90e-03	-1.55e-04	-0.03	-1.30e-04	-3.74e-05	0.0
112	8	5.96e-03	-7.04e-05	-0.03	-1.28e-04	-4.24e-05	0.0
112	13	1.89e-05	-2.19e-03	-0.02	-7.46e-05	-1.11e-05	0.0
112	16	1.71e-03	-1.49e-03	-0.02	-7.91e-05	-1.90e-05	0.0
112	21	7.74e-04	-5.08e-04	0.08	2.46e-04	-2.78e-04	0.0
112	22	8.77e-04	-2.01e-03	-0.03	-1.17e-04	1.79e-05	0.0
112	23	7.74e-04	-5.08e-04	0.08	2.46e-04	-2.78e-04	0.0
112	24	8.66e-04	-1.84e-03	-0.02	-7.68e-05	-1.50e-05	0.0
113	1	7.32e-04	-7.81e-04	0.12	3.64e-04	-2.85e-04	0.0
113	2	1.01e-03	-2.96e-03	-0.08	-3.02e-04	9.56e-05	0.0
113	5	-3.95e-03	-3.09e-03	-0.02	-9.37e-05	2.64e-05	0.0
113	7	5.65e-03	-5.53e-04	-0.03	-1.27e-04	-5.25e-05	0.0
113	8	5.70e-03	-4.59e-04	-0.03	-1.23e-04	-5.68e-05	0.0
113	13	-1.27e-04	-2.02e-03	-0.02	-7.36e-05	-1.07e-05	0.0
113	15	1.55e-03	-1.51e-03	-0.02	-7.76e-05	-2.11e-05	0.0
113	16	1.55e-03	-1.51e-03	-0.02	-7.73e-05	-2.17e-05	0.0
113	21	5.63e-04	-6.01e-04	0.09	2.80e-04	-2.19e-04	0.0
113	22	7.31e-04	-1.91e-03	-0.03	-1.20e-04	9.16e-06	0.0
113	23	5.63e-04	-6.01e-04	0.09	2.80e-04	-2.19e-04	0.0
113	24	7.12e-04	-1.76e-03	-0.02	-7.55e-05	-1.62e-05	0.0
114	1	4.78e-04	-8.62e-04	0.13	3.97e-04	-1.96e-04	0.0
114	2	8.39e-04	-2.84e-03	-0.09	-3.14e-04	6.03e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
114	5	-4.12e-03	-2.61e-03	-0.02	-9.77e-05	3.37e-05	0.0
114	7	5.42e-03	-9.48e-04	-0.03	-1.21e-04	-5.90e-05	0.0
114	8	5.45e-03	-8.46e-04	-0.03	-1.17e-04	-6.21e-05	0.0
114	13	-2.74e-04	-1.89e-03	-0.01	-7.27e-05	-7.50e-06	0.0
114	15	1.39e-03	-1.55e-03	-0.02	-7.56e-05	-2.00e-05	0.0
114	16	1.39e-03	-1.55e-03	-0.02	-7.52e-05	-2.04e-05	0.0
114	21	3.67e-04	-6.63e-04	0.10	3.05e-04	-1.50e-04	0.0
114	22	5.84e-04	-1.85e-03	-0.03	-1.21e-04	3.10e-06	0.0
114	23	3.67e-04	-6.63e-04	0.10	3.05e-04	-1.50e-04	0.0
114	24	5.60e-04	-1.72e-03	-0.02	-7.40e-05	-1.40e-05	0.0
115	1	2.36e-04	-9.09e-04	0.13	4.17e-04	-9.95e-05	0.0
115	2	6.62e-04	-2.78e-03	-0.09	-3.21e-04	2.60e-05	0.0
115	5	-4.30e-03	-2.17e-03	-0.02	-1.02e-04	4.11e-05	0.0
115	7	5.20e-03	-1.35e-03	-0.03	-1.15e-04	-5.94e-05	0.0
115	8	5.22e-03	-1.24e-03	-0.03	-1.09e-04	-6.10e-05	0.0
115	13	-4.23e-04	-1.78e-03	-0.01	-7.22e-05	-2.65e-06	0.0
115	15	1.24e-03	-1.62e-03	-0.02	-7.37e-05	-1.63e-05	0.0
115	16	1.24e-03	-1.61e-03	-0.02	-7.32e-05	-1.65e-05	0.0
115	21	1.81e-04	-6.99e-04	0.10	3.21e-04	-7.65e-05	0.0
115	22	4.37e-04	-1.82e-03	-0.03	-1.22e-04	-1.22e-06	0.0
115	23	1.81e-04	-6.99e-04	0.10	3.21e-04	-7.65e-05	0.0
115	24	4.08e-04	-1.70e-03	-0.01	-7.27e-05	-9.59e-06	0.0
116	1	0.0	-9.24e-04	0.14	4.24e-04	0.0	0.0
116	2	4.83e-04	-2.78e-03	-0.09	-3.22e-04	-7.69e-06	0.0
116	4	4.83e-04	-2.57e-03	-0.12	-4.20e-04	-7.69e-06	0.0
116	5	-4.49e-03	-1.77e-03	-0.02	-1.08e-04	4.74e-05	0.0
116	8	5.00e-03	-1.66e-03	-0.02	-1.02e-04	-5.56e-05	0.0
116	11	1.68e-03	-2.01e-03	-0.02	-9.65e-05	-1.95e-05	0.0
116	16	1.09e-03	-1.70e-03	-0.01	-7.16e-05	-1.11e-05	0.0
116	19	5.07e-04	-1.72e-03	-0.01	-7.28e-05	-6.20e-06	0.0
116	21	0.0	-7.11e-04	0.10	3.26e-04	0.0	0.0
116	22	2.90e-04	-1.83e-03	-0.03	-1.22e-04	-4.61e-06	0.0
116	23	0.0	-7.11e-04	0.10	3.26e-04	0.0	0.0
116	24	2.58e-04	-1.70e-03	-0.01	-7.19e-05	-4.10e-06	0.0
117	1	-2.36e-04	-9.09e-04	0.13	4.17e-04	9.95e-05	0.0
117	2	3.07e-04	-2.86e-03	-0.09	-3.19e-04	-4.10e-05	0.0
117	4	3.61e-04	-2.65e-03	-0.12	-4.15e-04	-6.40e-05	0.0
117	5	-4.69e-03	-1.39e-03	-0.03	-1.14e-04	5.13e-05	0.0
117	7	4.81e-03	-2.21e-03	-0.02	-1.01e-04	-4.91e-05	0.0
117	13	-7.21e-04	-1.66e-03	-0.01	-7.26e-05	8.26e-06	0.0
117	15	9.39e-04	-1.82e-03	-0.01	-7.11e-05	-5.37e-06	0.0
117	21	-1.81e-04	-6.99e-04	0.10	3.21e-04	7.65e-05	0.0
117	22	1.44e-04	-1.87e-03	-0.03	-1.21e-04	-7.80e-06	0.0
117	23	-1.81e-04	-6.99e-04	0.10	3.21e-04	7.65e-05	0.0
117	24	1.08e-04	-1.74e-03	-0.01	-7.16e-05	1.57e-06	0.0
118	1	-4.78e-04	-8.62e-04	0.13	3.97e-04	1.96e-04	0.0
118	2	1.34e-04	-2.99e-03	-0.08	-3.10e-04	-7.43e-05	0.0
118	5	-4.90e-03	-1.03e-03	-0.03	-1.19e-04	5.15e-05	0.0
118	6	-4.93e-03	-9.30e-04	-0.03	-1.15e-04	5.46e-05	0.0
118	7	4.64e-03	-2.69e-03	-0.02	-9.56e-05	-4.12e-05	0.0
118	13	-8.71e-04	-1.64e-03	-0.02	-7.36e-05	1.25e-05	0.0
118	14	-8.75e-04	-1.63e-03	-0.02	-7.31e-05	1.30e-05	0.0
118	15	7.93e-04	-1.97e-03	-0.01	-7.07e-05	0.0	0.0
118	21	-3.67e-04	-6.63e-04	0.10	3.05e-04	1.50e-04	0.0
118	22	0.0	-1.94e-03	-0.03	-1.19e-04	-1.15e-05	0.0
118	23	-3.67e-04	-6.63e-04	0.10	3.05e-04	1.50e-04	0.0
118	24	-4.10e-05	-1.80e-03	-0.01	-7.19e-05	6.51e-06	0.0
119	1	-7.32e-04	-7.81e-04	0.12	3.64e-04	2.85e-04	0.0
119	2	-3.10e-05	-3.20e-03	-0.08	-2.97e-04	-1.08e-04	0.0
119	5	-5.12e-03	-6.82e-04	-0.03	-1.24e-04	4.60e-05	0.0
119	6	-5.17e-03	-5.88e-04	-0.03	-1.20e-04	5.03e-05	0.0
119	7	4.48e-03	-3.22e-03	-0.02	-9.08e-05	-3.28e-05	0.0
119	13	-1.02e-03	-1.64e-03	-0.02	-7.47e-05	1.46e-05	0.0
119	14	-1.03e-03	-1.64e-03	-0.02	-7.44e-05	1.53e-05	0.0
119	15	6.50e-04	-2.15e-03	-0.01	-7.07e-05	4.25e-06	0.0
119	21	-5.63e-04	-6.01e-04	0.09	2.80e-04	2.19e-04	0.0
119	22	-1.42e-04	-2.05e-03	-0.03	-1.17e-04	-1.64e-05	0.0
119	23	-5.63e-04	-6.01e-04	0.09	2.80e-04	2.19e-04	0.0
119	24	-1.89e-04	-1.89e-03	-0.02	-7.26e-05	9.77e-06	0.0
120	1	-1.01e-03	-6.61e-04	0.10	3.20e-04	3.62e-04	0.0
120	2	-1.86e-04	-3.49e-03	-0.08	-2.79e-04	-1.41e-04	0.0
120	5	-5.37e-03	-3.32e-04	-0.03	-1.27e-04	3.25e-05	0.0
120	6	-5.43e-03	-2.47e-04	-0.03	-1.25e-04	3.75e-05	0.0
120	7	4.33e-03	-3.81e-03	-0.02	-8.70e-05	-2.50e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
120	14	-1.18e-03	-1.67e-03	-0.02	-7.55e-05	1.42e-05	0.0
120	15	5.11e-04	-2.37e-03	-0.01	-7.10e-05	6.23e-06	0.0
120	21	-7.74e-04	-5.08e-04	0.08	2.46e-04	2.78e-04	0.0
120	22	-2.82e-04	-2.21e-03	-0.03	-1.13e-04	-2.33e-05	0.0
120	23	-7.74e-04	-5.08e-04	0.08	2.46e-04	2.78e-04	0.0
120	24	-3.36e-04	-2.02e-03	-0.02	-7.33e-05	1.02e-05	0.0
121	1	-1.31e-03	-4.91e-04	0.09	2.67e-04	4.21e-04	0.0
121	2	-3.25e-04	-3.87e-03	-0.07	-2.56e-04	-1.74e-04	0.0
121	4	-2.36e-05	-3.75e-03	-0.09	-3.18e-04	-2.71e-04	0.0
121	6	-5.71e-03	1.05e-04	-0.03	-1.26e-04	1.31e-05	0.0
121	7	4.20e-03	-4.49e-03	-0.02	-8.43e-05	-1.86e-05	0.0
121	14	-1.34e-03	-1.73e-03	-0.02	-7.60e-05	8.13e-06	0.0
121	15	3.76e-04	-2.63e-03	-0.01	-7.13e-05	4.78e-06	0.0
121	21	-1.00e-03	-3.77e-04	0.07	2.06e-04	3.24e-04	0.0
121	22	-4.16e-04	-2.40e-03	-0.03	-1.09e-04	-3.32e-05	0.0
121	23	-1.00e-03	-3.77e-04	0.07	2.06e-04	3.24e-04	0.0
121	24	-4.81e-04	-2.18e-03	-0.02	-7.36e-05	6.46e-06	0.0
122	1	-1.64e-03	-2.56e-04	0.07	2.10e-04	4.54e-04	0.0
122	2	-4.44e-04	-4.35e-03	-0.06	-2.30e-04	-2.07e-04	0.0
122	4	-6.51e-05	-4.29e-03	-0.08	-2.78e-04	-3.11e-04	0.0
122	6	-6.01e-03	4.87e-04	-0.03	-1.21e-04	-2.71e-05	0.0
122	7	4.10e-03	-5.26e-03	-0.02	-8.24e-05	-1.49e-05	0.0
122	14	-1.49e-03	-1.82e-03	-0.02	-7.49e-05	-4.77e-06	0.0
122	15	2.47e-04	-2.94e-03	-0.01	-7.09e-05	-1.60e-06	0.0
122	21	-1.26e-03	-1.97e-04	0.05	1.61e-04	3.49e-04	0.0
122	22	-5.44e-04	-2.65e-03	-0.02	-1.02e-04	-4.72e-05	0.0
122	23	-1.26e-03	-1.97e-04	0.05	1.61e-04	3.49e-04	0.0
122	24	-6.24e-04	-2.38e-03	-0.02	-7.29e-05	-3.18e-06	0.0
123	1	-2.02e-03	6.75e-05	0.05	1.52e-04	4.48e-04	0.0
123	4	-7.09e-05	-4.98e-03	-0.06	-2.34e-04	-3.41e-04	0.0
123	6	-6.35e-03	9.21e-04	-0.03	-1.10e-04	-8.81e-05	0.0
123	7	4.02e-03	-6.17e-03	-0.02	-8.12e-05	-1.50e-05	0.0
123	14	-1.65e-03	-1.94e-03	-0.02	-7.13e-05	-2.70e-05	0.0
123	15	1.28e-04	-3.32e-03	-0.01	-6.93e-05	-1.48e-05	0.0
123	21	-1.55e-03	5.19e-05	0.04	1.17e-04	3.45e-04	0.0
123	22	-6.63e-04	-2.97e-03	-0.02	-9.37e-05	-6.66e-05	0.0
123	23	-1.55e-03	5.19e-05	0.04	1.17e-04	3.45e-04	0.0
123	24	-7.62e-04	-2.63e-03	-0.02	-7.03e-05	-2.09e-05	0.0
124	1	-2.44e-03	5.13e-04	0.03	1.01e-04	3.90e-04	0.0
124	4	-3.67e-05	-5.86e-03	-0.05	-1.89e-04	-3.55e-04	0.0
124	6	-6.72e-03	1.44e-03	-0.03	-8.74e-05	-1.76e-04	0.0
124	7	3.98e-03	-7.25e-03	-0.01	-8.02e-05	-2.07e-05	0.0
124	14	-1.81e-03	-2.09e-03	-0.01	-6.40e-05	-6.16e-05	0.0
124	15	1.98e-05	-3.78e-03	-0.01	-6.55e-05	-3.73e-05	0.0
124	21	-1.88e-03	3.95e-04	0.02	7.75e-05	3.00e-04	0.0
124	22	-7.73e-04	-3.36e-03	-0.02	-8.26e-05	-9.31e-05	0.0
124	23	-1.88e-03	3.95e-04	0.02	7.75e-05	3.00e-04	0.0
124	24	-8.96e-04	-2.94e-03	-0.01	-6.48e-05	-4.95e-05	0.0
125	1	-2.90e-03	1.12e-03	0.01	6.24e-05	2.57e-04	0.0
125	4	3.54e-05	-6.97e-03	-0.03	-1.43e-04	-3.47e-04	0.0
125	6	-7.13e-03	2.07e-03	-0.02	-4.76e-05	-3.00e-04	0.0
125	7	3.98e-03	-8.54e-03	-0.01	-7.87e-05	-3.42e-05	0.0
125	14	-1.97e-03	-2.29e-03	-0.01	-5.01e-05	-1.13e-04	0.0
125	15	-7.71e-05	-4.34e-03	-0.01	-5.78e-05	-7.23e-05	0.0
125	20	-7.65e-04	-3.62e-03	-0.01	-5.66e-05	-8.71e-05	0.0
125	21	-2.23e-03	8.62e-04	0.01	4.80e-05	1.98e-04	0.0
125	22	-8.73e-04	-3.84e-03	-0.01	-6.67e-05	-1.29e-04	0.0
125	23	-2.23e-03	8.62e-04	0.01	4.80e-05	1.98e-04	0.0
125	24	-1.02e-03	-3.31e-03	-0.01	-5.39e-05	-9.26e-05	0.0
126	1	-3.39e-03	1.92e-03	7.83e-03	4.72e-05	2.33e-05	1.41e-05
126	4	1.34e-04	-8.37e-03	-0.02	-1.20e-04	-3.04e-04	1.19e-05
126	6	-7.56e-03	2.84e-03	-2.49e-04	-2.30e-05	-4.67e-04	6.77e-05
126	7	4.02e-03	-0.01	-0.01	-7.79e-05	-5.75e-05	-2.57e-05
126	8	3.91e-03	-0.01	-0.01	-8.17e-05	-6.25e-05	-2.47e-05
126	14	-2.13e-03	-2.53e-03	-5.25e-03	-4.13e-05	-1.85e-04	1.94e-05
126	15	-1.63e-04	-5.02e-03	-7.43e-03	-5.28e-05	-1.23e-04	3.43e-06
126	16	-1.77e-04	-5.01e-03	-7.51e-03	-5.37e-05	-1.24e-04	3.59e-06
126	21	-2.61e-03	1.48e-03	6.02e-03	3.63e-05	1.79e-05	1.09e-05
126	22	-9.64e-04	-4.43e-03	-7.89e-03	-5.75e-05	-1.75e-04	1.15e-05
126	23	-2.61e-03	1.48e-03	6.02e-03	3.63e-05	1.79e-05	1.09e-05
126	24	-1.15e-03	-3.77e-03	-6.34e-03	-4.71e-05	-1.54e-04	1.14e-05
127	1	3.28e-03	1.10e-03	0.02	5.52e-05	-2.82e-04	0.0
127	4	1.17e-03	-6.77e-03	-0.04	-1.35e-04	4.25e-04	0.0
127	5	-4.45e-03	-9.25e-03	-0.02	-8.22e-05	5.69e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
127	8	9.29e-03	2.96e-03	-0.02	-3.56e-05	3.63e-04	0.0
127	14	6.33e-04	-4.40e-03	-0.01	-5.83e-05	1.02e-04	0.0
127	16	2.98e-03	-2.03e-03	-0.01	-4.69e-05	1.49e-04	0.0
127	21	2.52e-03	8.44e-04	0.01	4.25e-05	-2.17e-04	0.0
127	22	1.71e-03	-3.72e-03	-0.02	-6.40e-05	1.68e-04	0.0
127	23	2.52e-03	8.44e-04	0.01	4.25e-05	-2.17e-04	0.0
127	24	1.80e-03	-3.22e-03	-0.01	-5.21e-05	1.26e-04	0.0
128	1	3.78e-03	1.83e-03	9.48e-03	4.45e-05	-2.71e-05	-1.04e-05
128	4	1.14e-03	-7.97e-03	-0.02	-1.15e-04	4.00e-04	-1.68e-05
128	5	-4.44e-03	-0.01	-0.01	-8.09e-05	9.28e-05	2.47e-05
128	6	-4.31e-03	-0.01	-0.01	-8.54e-05	9.85e-05	2.36e-05
128	8	9.77e-03	3.87e-03	6.21e-04	-1.43e-05	5.59e-04	-6.46e-05
128	13	7.43e-04	-5.01e-03	-8.69e-03	-5.23e-05	1.69e-04	-4.86e-06
128	14	7.60e-04	-5.01e-03	-8.81e-03	-5.33e-05	1.69e-04	-5.02e-06
128	16	3.18e-03	-2.17e-03	-5.84e-03	-3.86e-05	2.39e-04	-2.05e-05
128	21	2.91e-03	1.41e-03	7.29e-03	3.43e-05	-2.08e-05	-7.97e-06
128	22	1.85e-03	-4.22e-03	-9.09e-03	-5.54e-05	2.32e-04	-1.33e-05
128	23	2.91e-03	1.41e-03	7.29e-03	3.43e-05	-2.08e-05	-7.97e-06
128	24	1.96e-03	-3.59e-03	-7.27e-03	-4.54e-05	2.04e-04	-1.27e-05
129	1	2.79e-03	5.13e-04	0.03	8.25e-05	-4.29e-04	0.0
129	4	1.19e-03	-5.79e-03	-0.06	-1.74e-04	4.18e-04	0.0
129	5	-4.49e-03	-7.93e-03	-0.02	-8.43e-05	3.40e-05	0.0
129	8	8.84e-03	2.19e-03	-0.03	-7.06e-05	2.15e-04	0.0
129	13	4.83e-04	-3.89e-03	-0.02	-6.55e-05	5.48e-05	0.0
129	16	2.79e-03	-1.92e-03	-0.02	-6.05e-05	8.34e-05	0.0
129	21	2.15e-03	3.95e-04	0.03	6.34e-05	-3.30e-04	0.0
129	22	1.57e-03	-3.31e-03	-0.02	-7.88e-05	1.19e-04	0.0
129	23	2.15e-03	3.95e-04	0.03	6.34e-05	-3.30e-04	0.0
129	24	1.63e-03	-2.90e-03	-0.02	-6.30e-05	6.91e-05	0.0
130	1	2.33e-03	5.94e-05	0.05	1.19e-04	-4.96e-04	0.0
130	4	1.18e-03	-5.00e-03	-0.07	-2.10e-04	3.91e-04	0.0
130	5	-4.56e-03	-6.80e-03	-0.02	-8.56e-05	2.17e-05	0.0
130	8	8.41e-03	1.54e-03	-0.04	-9.11e-05	1.09e-04	0.0
130	13	3.43e-04	-3.46e-03	-0.02	-6.99e-05	2.32e-05	0.0
130	16	2.59e-03	-1.83e-03	-0.02	-6.83e-05	3.80e-05	0.0
130	21	1.80e-03	4.57e-05	0.04	9.19e-05	-3.81e-04	0.0
130	22	1.43e-03	-2.98e-03	-0.03	-8.92e-05	8.21e-05	0.0
130	23	1.80e-03	4.57e-05	0.04	9.19e-05	-3.81e-04	0.0
130	24	1.47e-03	-2.64e-03	-0.02	-6.91e-05	3.06e-05	0.0
131	1	1.91e-03	-2.87e-04	0.08	1.61e-04	-5.04e-04	0.0
131	2	1.60e-03	-4.44e-03	-0.07	-2.07e-04	2.34e-04	0.0
131	4	1.15e-03	-4.37e-03	-0.09	-2.44e-04	3.50e-04	0.0
131	5	-4.65e-03	-5.83e-03	-0.02	-8.68e-05	1.70e-05	0.0
131	8	8.03e-03	9.69e-04	-0.04	-1.03e-04	3.54e-05	0.0
131	13	1.98e-04	-3.10e-03	-0.02	-7.22e-05	3.54e-06	0.0
131	16	2.41e-03	-1.77e-03	-0.02	-7.26e-05	8.02e-06	0.0
131	21	1.47e-03	-2.21e-04	0.06	1.24e-04	-3.87e-04	0.0
131	22	1.28e-03	-2.71e-03	-0.03	-9.70e-05	5.49e-05	0.0
131	23	1.47e-03	-2.21e-04	0.06	1.24e-04	-3.87e-04	0.0
131	24	1.30e-03	-2.43e-03	-0.02	-7.24e-05	5.78e-06	0.0
132	1	1.53e-03	-5.49e-04	0.10	2.03e-04	-4.69e-04	0.0
132	2	1.45e-03	-4.01e-03	-0.08	-2.28e-04	1.91e-04	0.0
132	4	1.10e-03	-3.88e-03	-0.10	-2.75e-04	2.99e-04	0.0
132	5	-4.77e-03	-5.00e-03	-0.02	-8.81e-05	1.79e-05	0.0
132	7	7.58e-03	3.65e-04	-0.04	-1.09e-04	-7.20e-06	0.0
132	8	7.67e-03	4.58e-04	-0.04	-1.08e-04	-1.40e-05	0.0
132	13	4.91e-05	-2.80e-03	-0.02	-7.31e-05	-7.28e-06	0.0
132	16	2.22e-03	-1.73e-03	-0.02	-7.45e-05	-1.03e-05	0.0
132	21	1.18e-03	-4.23e-04	0.07	1.56e-04	-3.61e-04	0.0
132	22	1.13e-03	-2.50e-03	-0.03	-1.03e-04	3.52e-05	0.0
132	23	1.18e-03	-4.23e-04	0.07	1.56e-04	-3.61e-04	0.0
132	24	1.14e-03	-2.27e-03	-0.02	-7.38e-05	-8.77e-06	0.0
133	1	1.18e-03	-7.45e-04	0.12	2.42e-04	-4.04e-04	0.0
133	2	1.30e-03	-3.69e-03	-0.09	-2.46e-04	1.49e-04	0.0
133	5	-4.91e-03	-4.27e-03	-0.02	-8.98e-05	2.24e-05	0.0
133	7	7.27e-03	-1.25e-04	-0.04	-1.12e-04	-3.81e-05	0.0
133	8	7.35e-03	-1.81e-05	-0.04	-1.09e-04	-4.46e-05	0.0
133	13	-1.03e-04	-2.56e-03	-0.02	-7.32e-05	-1.16e-05	0.0
133	16	2.05e-03	-1.73e-03	-0.02	-7.48e-05	-1.99e-05	0.0
133	21	9.11e-04	-5.73e-04	0.09	1.86e-04	-3.11e-04	0.0
133	22	9.78e-04	-2.34e-03	-0.03	-1.07e-04	2.11e-05	0.0
133	23	9.11e-04	-5.73e-04	0.09	1.86e-04	-3.11e-04	0.0
133	24	9.71e-04	-2.14e-03	-0.02	-7.40e-05	-1.58e-05	0.0
134	1	8.64e-04	-8.87e-04	0.13	2.75e-04	-3.18e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
134	2	1.13e-03	-3.46e-03	-0.09	-2.59e-04	1.08e-04	0.0
134	5	-5.07e-03	-3.62e-03	-0.02	-9.20e-05	2.93e-05	0.0
134	7	6.99e-03	-5.98e-04	-0.04	-1.11e-04	-5.57e-05	0.0
134	8	7.05e-03	-4.78e-04	-0.04	-1.07e-04	-6.13e-05	0.0
134	13	-2.58e-04	-2.36e-03	-0.02	-7.28e-05	-1.14e-05	0.0
134	15	1.86e-03	-1.76e-03	-0.02	-7.46e-05	-2.24e-05	0.0
134	16	1.87e-03	-1.75e-03	-0.02	-7.43e-05	-2.32e-05	0.0
134	21	6.65e-04	-6.82e-04	0.10	2.11e-04	-2.45e-04	0.0
134	22	8.24e-04	-2.22e-03	-0.03	-1.09e-04	1.11e-05	0.0
134	23	6.65e-04	-6.82e-04	0.10	2.11e-04	-2.45e-04	0.0
134	24	8.07e-04	-2.05e-03	-0.02	-7.35e-05	-1.73e-05	0.0
135	1	5.65e-04	-9.84e-04	0.14	3.00e-04	-2.19e-04	0.0
135	2	9.58e-04	-3.31e-03	-0.10	-2.69e-04	6.86e-05	0.0
135	5	-5.24e-03	-3.05e-03	-0.03	-9.46e-05	3.73e-05	0.0
135	7	6.73e-03	-1.07e-03	-0.03	-1.09e-04	-6.37e-05	0.0
135	8	6.77e-03	-9.38e-04	-0.03	-1.03e-04	-6.77e-05	0.0
135	13	-4.14e-04	-2.20e-03	-0.02	-7.24e-05	-8.07e-06	0.0
135	15	1.70e-03	-1.80e-03	-0.02	-7.38e-05	-2.14e-05	0.0
135	16	1.70e-03	-1.79e-03	-0.02	-7.33e-05	-2.20e-05	0.0
135	21	4.34e-04	-7.57e-04	0.11	2.30e-04	-1.68e-04	0.0
135	22	6.70e-04	-2.15e-03	-0.03	-1.11e-04	4.11e-06	0.0
135	23	4.34e-04	-7.57e-04	0.11	2.30e-04	-1.68e-04	0.0
135	24	6.44e-04	-2.00e-03	-0.02	-7.28e-05	-1.50e-05	0.0
136	1	2.79e-04	-1.04e-03	0.15	3.15e-04	-1.11e-04	0.0
136	2	7.81e-04	-3.24e-03	-0.10	-2.75e-04	2.97e-05	0.0
136	5	-5.43e-03	-2.53e-03	-0.03	-9.77e-05	4.52e-05	0.0
136	7	6.50e-03	-1.55e-03	-0.03	-1.05e-04	-6.47e-05	0.0
136	8	6.52e-03	-1.41e-03	-0.03	-9.86e-05	-6.68e-05	0.0
136	13	-5.71e-04	-2.08e-03	-0.02	-7.21e-05	-2.91e-06	0.0
136	15	1.53e-03	-1.88e-03	-0.02	-7.29e-05	-1.76e-05	0.0
136	16	1.54e-03	-1.87e-03	-0.02	-7.22e-05	-1.79e-05	0.0
136	21	2.14e-04	-8.00e-04	0.12	2.42e-04	-8.56e-05	0.0
136	22	5.16e-04	-2.12e-03	-0.03	-1.11e-04	-1.01e-06	0.0
136	23	2.14e-04	-8.00e-04	0.12	2.42e-04	-8.56e-05	0.0
136	24	4.82e-04	-1.97e-03	-0.02	-7.22e-05	-1.04e-05	0.0
137	1	0.0	-1.06e-03	0.15	3.20e-04	0.0	0.0
137	2	6.04e-04	-3.25e-03	-0.10	-2.76e-04	-8.51e-06	0.0
137	4	6.04e-04	-3.00e-03	-0.14	-3.50e-04	-8.51e-06	0.0
137	5	-5.64e-03	-2.05e-03	-0.03	-1.01e-04	5.19e-05	0.0
137	8	6.28e-03	-1.91e-03	-0.03	-9.43e-05	-6.09e-05	0.0
137	11	2.11e-03	-2.37e-03	-0.02	-9.78e-05	-2.15e-05	0.0
137	16	1.37e-03	-1.98e-03	-0.02	-7.13e-05	-1.21e-05	0.0
137	19	6.37e-04	-2.00e-03	-0.02	-7.28e-05	-6.81e-06	0.0
137	21	0.0	-8.15e-04	0.12	2.46e-04	0.0	0.0
137	22	3.62e-04	-2.13e-03	-0.03	-1.11e-04	-5.11e-06	0.0
137	23	0.0	-8.15e-04	0.12	2.46e-04	0.0	0.0
137	24	3.22e-04	-1.98e-03	-0.02	-7.17e-05	-4.54e-06	0.0
138	1	-2.79e-04	-1.04e-03	0.15	3.15e-04	1.11e-04	0.0
138	2	4.28e-04	-3.33e-03	-0.10	-2.73e-04	-4.63e-05	0.0
138	4	4.93e-04	-3.09e-03	-0.13	-3.46e-04	-7.20e-05	0.0
138	5	-5.85e-03	-1.60e-03	-0.03	-1.04e-04	5.58e-05	0.0
138	7	6.08e-03	-2.58e-03	-0.03	-9.70e-05	-5.41e-05	0.0
138	13	-8.88e-04	-1.93e-03	-0.02	-7.22e-05	8.74e-06	0.0
138	15	1.22e-03	-2.13e-03	-0.02	-7.14e-05	-5.96e-06	0.0
138	21	-2.14e-04	-8.00e-04	0.12	2.42e-04	8.56e-05	0.0
138	22	2.10e-04	-2.18e-03	-0.03	-1.11e-04	-8.96e-06	0.0
138	23	-2.14e-04	-8.00e-04	0.12	2.42e-04	8.56e-05	0.0
138	24	1.63e-04	-2.02e-03	-0.02	-7.15e-05	1.55e-06	0.0
139	1	-5.65e-04	-9.84e-04	0.14	3.00e-04	2.19e-04	0.0
139	2	2.58e-04	-3.50e-03	-0.10	-2.66e-04	-8.40e-05	0.0
139	5	-6.09e-03	-1.17e-03	-0.03	-1.07e-04	5.55e-05	0.0
139	6	-6.13e-03	-1.04e-03	-0.03	-1.02e-04	5.95e-05	0.0
139	7	5.89e-03	-3.15e-03	-0.02	-9.33e-05	-4.55e-05	0.0
139	13	-1.05e-03	-1.91e-03	-0.02	-7.24e-05	1.32e-05	0.0
139	15	1.06e-03	-2.30e-03	-0.02	-7.11e-05	0.0	0.0
139	21	-4.34e-04	-7.57e-04	0.11	2.30e-04	1.68e-04	0.0
139	22	5.91e-05	-2.26e-03	-0.03	-1.09e-04	-1.34e-05	0.0
139	23	-4.34e-04	-7.57e-04	0.11	2.30e-04	1.68e-04	0.0
139	24	4.25e-06	-2.10e-03	-0.02	-7.15e-05	6.83e-06	0.0
140	1	-8.64e-04	-8.87e-04	0.13	2.75e-04	3.18e-04	0.0
140	2	9.50e-05	-3.74e-03	-0.09	-2.56e-04	-1.22e-04	0.0
140	5	-6.34e-03	-7.52e-04	-0.04	-1.09e-04	4.87e-05	0.0
140	6	-6.40e-03	-6.32e-04	-0.04	-1.05e-04	5.42e-05	0.0
140	7	5.72e-03	-3.78e-03	-0.02	-9.00e-05	-3.64e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
140	13	-1.21e-03	-1.91e-03	-0.02	-7.27e-05	1.53e-05	0.0
140	14	-1.22e-03	-1.90e-03	-0.02	-7.23e-05	1.61e-05	0.0
140	15	9.12e-04	-2.51e-03	-0.02	-7.09e-05	4.34e-06	0.0
140	21	-6.65e-04	-6.82e-04	0.10	2.11e-04	2.45e-04	0.0
140	22	-8.92e-05	-2.40e-03	-0.03	-1.07e-04	-1.91e-05	0.0
140	23	-6.65e-04	-6.82e-04	0.10	2.11e-04	2.45e-04	0.0
140	24	-1.53e-04	-2.21e-03	-0.02	-7.16e-05	1.02e-05	0.0
141	1	-1.18e-03	-7.45e-04	0.12	2.42e-04	4.04e-04	0.0
141	2	-5.61e-05	-4.08e-03	-0.09	-2.42e-04	-1.59e-04	0.0
141	5	-6.61e-03	-3.36e-04	-0.04	-1.10e-04	3.29e-05	0.0
141	6	-6.69e-03	-2.29e-04	-0.04	-1.07e-04	3.94e-05	0.0
141	7	5.57e-03	-4.48e-03	-0.02	-8.75e-05	-2.77e-05	0.0
141	14	-1.38e-03	-1.94e-03	-0.02	-7.25e-05	1.46e-05	0.0
141	15	7.65e-04	-2.77e-03	-0.02	-7.09e-05	6.39e-06	0.0
141	21	-9.11e-04	-5.73e-04	0.09	1.86e-04	3.11e-04	0.0
141	22	-2.34e-04	-2.58e-03	-0.03	-1.04e-04	-2.70e-05	0.0
141	23	-9.11e-04	-5.73e-04	0.09	1.86e-04	3.11e-04	0.0
141	24	-3.09e-04	-2.35e-03	-0.02	-7.17e-05	1.05e-05	0.0
142	1	-1.53e-03	-5.49e-04	0.10	2.03e-04	4.69e-04	0.0
142	2	-1.92e-04	-4.52e-03	-0.08	-2.24e-04	-1.96e-04	0.0
142	4	1.62e-04	-4.40e-03	-0.10	-2.71e-04	-3.04e-04	0.0
142	5	-6.91e-03	9.23e-05	-0.04	-1.07e-04	4.59e-06	0.0
142	6	-7.00e-03	1.85e-04	-0.04	-1.06e-04	1.14e-05	0.0
142	7	5.44e-03	-5.27e-03	-0.02	-8.56e-05	-2.05e-05	0.0
142	14	-1.55e-03	-2.01e-03	-0.02	-7.21e-05	7.65e-06	0.0
142	15	6.23e-04	-3.07e-03	-0.02	-7.07e-05	4.66e-06	0.0
142	21	-1.18e-03	-4.23e-04	0.07	1.56e-04	3.61e-04	0.0
142	22	-3.74e-04	-2.81e-03	-0.03	-9.99e-05	-3.82e-05	0.0
142	23	-1.18e-03	-4.23e-04	0.07	1.56e-04	3.61e-04	0.0
142	24	-4.64e-04	-2.54e-03	-0.02	-7.14e-05	6.16e-06	0.0
143	1	-1.91e-03	-2.87e-04	0.08	1.61e-04	5.04e-04	0.0
143	2	-3.08e-04	-5.08e-03	-0.07	-2.03e-04	-2.32e-04	0.0
143	4	1.34e-04	-5.01e-03	-0.09	-2.40e-04	-3.48e-04	0.0
143	6	-7.34e-03	6.26e-04	-0.04	-1.01e-04	-3.43e-05	0.0
143	7	5.34e-03	-6.17e-03	-0.02	-8.45e-05	-1.60e-05	0.0
143	14	-1.72e-03	-2.11e-03	-0.02	-7.04e-05	-6.96e-06	0.0
143	15	4.88e-04	-3.44e-03	-0.02	-7.00e-05	-2.48e-06	0.0
143	21	-1.47e-03	-2.21e-04	0.06	1.24e-04	3.87e-04	0.0
143	22	-5.09e-04	-3.10e-03	-0.03	-9.45e-05	-5.37e-05	0.0
143	23	-1.47e-03	-2.21e-04	0.06	1.24e-04	3.87e-04	0.0
143	24	-6.16e-04	-2.78e-03	-0.02	-7.02e-05	-4.72e-06	0.0
144	1	-2.33e-03	5.94e-05	0.05	1.19e-04	4.96e-04	0.0
144	4	1.38e-04	-5.79e-03	-0.07	-2.07e-04	-3.80e-04	0.0
144	6	-7.71e-03	1.11e-03	-0.04	-8.96e-05	-1.03e-04	0.0
144	7	5.26e-03	-7.22e-03	-0.02	-8.41e-05	-1.56e-05	0.0
144	14	-1.89e-03	-2.25e-03	-0.02	-6.68e-05	-3.19e-05	0.0
144	15	3.61e-04	-3.88e-03	-0.02	-6.84e-05	-1.71e-05	0.0
144	21	-1.80e-03	4.57e-05	0.04	9.19e-05	3.81e-04	0.0
144	22	-6.35e-04	-3.46e-03	-0.03	-8.75e-05	-7.52e-05	0.0
144	23	-1.80e-03	4.57e-05	0.04	9.19e-05	3.81e-04	0.0
144	24	-7.64e-04	-3.07e-03	-0.02	-6.76e-05	-2.45e-05	0.0
145	1	-2.79e-03	5.13e-04	0.03	8.25e-05	4.29e-04	0.0
145	4	1.75e-04	-6.76e-03	-0.05	-1.73e-04	-3.94e-04	0.0
145	6	-8.11e-03	1.68e-03	-0.03	-7.04e-05	-2.02e-04	0.0
145	7	5.22e-03	-8.44e-03	-0.02	-8.41e-05	-2.11e-05	0.0
145	14	-2.06e-03	-2.43e-03	-0.02	-6.03e-05	-7.04e-05	0.0
145	15	2.44e-04	-4.41e-03	-0.02	-6.53e-05	-4.18e-05	0.0
145	21	-2.15e-03	3.95e-04	0.03	6.34e-05	3.30e-04	0.0
145	22	-7.54e-04	-3.90e-03	-0.02	-7.86e-05	-1.04e-04	0.0
145	23	-2.15e-03	3.95e-04	0.03	6.34e-05	3.30e-04	0.0
145	24	-9.09e-04	-3.42e-03	-0.02	-6.28e-05	-5.61e-05	0.0
146	1	-3.28e-03	1.10e-03	0.02	5.52e-05	2.82e-04	0.0
146	4	2.40e-04	-7.94e-03	-0.04	-1.39e-04	-3.84e-04	0.0
146	6	-8.54e-03	2.33e-03	-0.02	-3.77e-05	-3.41e-04	0.0
146	7	5.20e-03	-9.88e-03	-0.02	-8.43e-05	-3.49e-05	0.0
146	14	-2.23e-03	-2.66e-03	-0.01	-4.90e-05	-1.27e-04	0.0
146	16	1.19e-04	-5.03e-03	-0.01	-6.04e-05	-8.03e-05	0.0
146	21	-2.52e-03	8.44e-04	0.01	4.25e-05	2.17e-04	0.0
146	22	-8.64e-04	-4.43e-03	-0.02	-6.63e-05	-1.44e-04	0.0
146	23	-2.52e-03	8.44e-04	0.01	4.25e-05	2.17e-04	0.0
146	24	-1.05e-03	-3.84e-03	-0.01	-5.42e-05	-1.04e-04	0.0
147	1	-3.78e-03	1.83e-03	9.48e-03	4.45e-05	2.71e-05	1.04e-05
147	4	3.23e-04	-9.39e-03	-0.02	-1.22e-04	-3.37e-04	7.06e-06
147	6	-8.99e-03	3.11e-03	-2.12e-04	-1.78e-05	-5.25e-04	5.94e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
147	7	5.22e-03	-0.01	-0.01	-8.44e-05	-5.91e-05	-2.99e-05
147	8	5.09e-03	-0.01	-0.02	-8.89e-05	-6.49e-05	-2.88e-05
147	14	-2.40e-03	-2.93e-03	-6.68e-03	-4.21e-05	-2.05e-04	1.53e-05
147	15	3.66e-05	-5.77e-03	-9.52e-03	-5.57e-05	-1.35e-04	0.0
147	16	1.96e-05	-5.77e-03	-9.64e-03	-5.68e-05	-1.36e-04	0.0
147	21	-2.91e-03	1.41e-03	7.29e-03	3.43e-05	2.08e-05	7.97e-06
147	22	-9.68e-04	-5.07e-03	-0.01	-5.93e-05	-1.94e-04	7.42e-06
147	23	-2.91e-03	1.41e-03	7.29e-03	3.43e-05	2.08e-05	7.97e-06
147	24	-1.18e-03	-4.35e-03	-8.10e-03	-4.89e-05	-1.70e-04	7.49e-06
148	1	3.56e-03	1.02e-03	0.02	4.82e-05	-2.98e-04	0.0
148	4	1.20e-03	-7.49e-03	-0.04	-1.28e-04	4.55e-04	0.0
148	5	-5.63e-03	-0.01	-0.02	-8.61e-05	5.81e-05	0.0
148	6	-5.49e-03	-0.01	-0.02	-9.10e-05	5.91e-05	0.0
148	8	0.01	3.26e-03	-0.02	-2.44e-05	3.96e-04	0.0
148	14	5.07e-04	-4.96e-03	-0.02	-5.87e-05	1.10e-04	0.0
148	16	3.35e-03	-2.30e-03	-0.02	-4.46e-05	1.62e-04	0.0
148	21	2.73e-03	7.82e-04	0.01	3.70e-05	-2.29e-04	0.0
148	22	1.82e-03	-4.18e-03	-0.02	-6.21e-05	1.82e-04	0.0
148	23	2.73e-03	7.82e-04	0.01	3.70e-05	-2.29e-04	0.0
148	24	1.92e-03	-3.63e-03	-0.02	-5.11e-05	1.36e-04	0.0
149	1	4.06e-03	1.67e-03	0.01	4.17e-05	-2.97e-05	-7.08e-06
149	4	1.19e-03	-8.72e-03	-0.02	-1.15e-04	4.30e-04	-1.13e-05
149	5	-5.61e-03	-0.01	-0.02	-8.61e-05	9.48e-05	2.88e-05
149	6	-5.45e-03	-0.01	-0.02	-9.12e-05	1.01e-04	2.78e-05
149	8	0.01	4.16e-03	8.83e-04	-8.31e-06	6.05e-04	-5.60e-05
149	14	6.44e-04	-5.63e-03	-0.01	-5.53e-05	1.81e-04	-1.10e-06
149	16	3.56e-03	-2.47e-03	-7.17e-03	-3.84e-05	2.57e-04	-1.62e-05
149	21	3.12e-03	1.29e-03	8.55e-03	3.21e-05	-2.29e-05	-5.44e-06
149	22	1.96e-03	-4.72e-03	-0.01	-5.60e-05	2.49e-04	-8.95e-06
149	23	3.12e-03	1.29e-03	8.55e-03	3.21e-05	-2.29e-05	-5.44e-06
149	24	2.09e-03	-4.05e-03	-8.95e-03	-4.62e-05	2.19e-04	-8.56e-06
150	1	3.06e-03	4.69e-04	0.04	6.48e-05	-4.55e-04	0.0
150	4	1.22e-03	-6.47e-03	-0.06	-1.55e-04	4.49e-04	0.0
150	5	-5.68e-03	-8.96e-03	-0.02	-8.63e-05	3.49e-05	0.0
150	8	0.01	2.47e-03	-0.03	-5.13e-05	2.38e-04	0.0
150	14	3.65e-04	-4.40e-03	-0.02	-6.44e-05	5.93e-05	0.0
150	16	3.15e-03	-2.16e-03	-0.02	-5.50e-05	9.22e-05	0.0
150	21	2.35e-03	3.61e-04	0.03	4.99e-05	-3.50e-04	0.0
150	22	1.67e-03	-3.74e-03	-0.03	-7.28e-05	1.29e-04	0.0
150	23	2.35e-03	3.61e-04	0.03	4.99e-05	-3.50e-04	0.0
150	24	1.75e-03	-3.28e-03	-0.02	-5.92e-05	7.60e-05	0.0
151	1	2.58e-03	2.38e-05	0.06	8.78e-05	-5.28e-04	0.0
151	4	1.21e-03	-5.62e-03	-0.08	-1.80e-04	4.21e-04	0.0
151	5	-5.75e-03	-7.71e-03	-0.02	-8.65e-05	2.24e-05	0.0
151	8	9.90e-03	1.77e-03	-0.04	-6.83e-05	1.24e-04	0.0
151	13	2.00e-04	-3.92e-03	-0.02	-6.70e-05	2.62e-05	0.0
151	16	2.94e-03	-2.06e-03	-0.02	-6.16e-05	4.35e-05	0.0
151	21	1.98e-03	1.83e-05	0.04	6.76e-05	-4.06e-04	0.0
151	22	1.52e-03	-3.37e-03	-0.03	-8.08e-05	9.00e-05	0.0
151	23	1.98e-03	1.83e-05	0.04	6.76e-05	-4.06e-04	0.0
151	24	1.57e-03	-2.99e-03	-0.02	-6.43e-05	3.48e-05	0.0
152	1	2.13e-03	-3.32e-04	0.08	1.14e-04	-5.38e-04	0.0
152	2	1.68e-03	-5.02e-03	-0.08	-1.77e-04	2.53e-04	0.0
152	4	1.19e-03	-4.94e-03	-0.10	-2.04e-04	3.77e-04	0.0
152	5	-5.85e-03	-6.63e-03	-0.02	-8.70e-05	1.79e-05	0.0
152	8	9.49e-03	1.15e-03	-0.04	-7.91e-05	4.32e-05	0.0
152	13	4.93e-05	-3.52e-03	-0.02	-6.93e-05	5.11e-06	0.0
152	16	2.75e-03	-1.99e-03	-0.02	-6.60e-05	1.11e-05	0.0
152	21	1.64e-03	-2.56e-04	0.06	8.78e-05	-4.14e-04	0.0
152	22	1.37e-03	-3.07e-03	-0.03	-8.71e-05	6.09e-05	0.0
152	23	1.64e-03	-2.56e-04	0.06	8.78e-05	-4.14e-04	0.0
152	24	1.40e-03	-2.75e-03	-0.02	-6.77e-05	8.09e-06	0.0
153	1	1.72e-03	-6.13e-04	0.10	1.41e-04	-5.02e-04	0.0
153	2	1.54e-03	-4.54e-03	-0.09	-1.93e-04	2.08e-04	0.0
153	4	1.14e-03	-4.40e-03	-0.11	-2.26e-04	3.23e-04	0.0
153	5	-5.97e-03	-5.69e-03	-0.03	-8.77e-05	1.90e-05	0.0
153	7	9.01e-03	4.71e-04	-0.04	-8.71e-05	-1.99e-06	0.0
153	8	9.11e-03	5.84e-04	-0.04	-8.52e-05	-1.07e-05	0.0
153	13	-1.05e-04	-3.18e-03	-0.02	-7.07e-05	-6.63e-06	0.0
153	16	2.56e-03	-1.95e-03	-0.02	-6.86e-05	-8.87e-06	0.0
153	21	1.32e-03	-4.71e-04	0.08	1.08e-04	-3.86e-04	0.0
153	22	1.21e-03	-2.83e-03	-0.04	-9.19e-05	3.96e-05	0.0
153	23	1.32e-03	-4.71e-04	0.08	1.08e-04	-3.86e-04	0.0
153	24	1.23e-03	-2.57e-03	-0.02	-6.97e-05	-7.75e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
154	2	1.39e-03	-4.18e-03	-0.10	-2.06e-04	1.63e-04	0.0
154	4	1.08e-03	-3.99e-03	-0.13	-2.44e-04	2.62e-04	0.0
154	5	-6.11e-03	-4.86e-03	-0.03	-8.86e-05	2.39e-05	0.0
154	7	8.68e-03	-8.80e-05	-0.04	-9.20e-05	-3.61e-05	0.0
154	8	8.77e-03	4.42e-05	-0.04	-8.80e-05	-4.44e-05	0.0
154	13	-2.61e-04	-2.90e-03	-0.02	-7.14e-05	-1.15e-05	0.0
154	15	2.36e-03	-1.96e-03	-0.02	-7.03e-05	-1.83e-05	0.0
154	16	2.37e-03	-1.95e-03	-0.02	-7.01e-05	-1.95e-05	0.0
154	21	1.02e-03	-6.37e-04	0.10	1.28e-04	-3.33e-04	0.0
154	22	1.06e-03	-2.65e-03	-0.04	-9.56e-05	2.42e-05	0.0
154	23	1.02e-03	-6.37e-04	0.10	1.28e-04	-3.33e-04	0.0
154	24	1.06e-03	-2.42e-03	-0.02	-7.08e-05	-1.55e-05	0.0
155	1	9.74e-04	-9.89e-04	0.14	1.87e-04	-3.42e-04	0.0
155	2	1.23e-03	-3.92e-03	-0.10	-2.16e-04	1.18e-04	0.0
155	5	-6.27e-03	-4.12e-03	-0.03	-8.98e-05	3.11e-05	0.0
155	7	8.38e-03	-6.32e-04	-0.04	-9.44e-05	-5.60e-05	0.0
155	8	8.45e-03	-4.83e-04	-0.04	-8.86e-05	-6.30e-05	0.0
155	13	-4.19e-04	-2.67e-03	-0.02	-7.18e-05	-1.15e-05	0.0
155	15	2.18e-03	-1.98e-03	-0.02	-7.12e-05	-2.24e-05	0.0
155	16	2.19e-03	-1.97e-03	-0.02	-7.07e-05	-2.34e-05	0.0
155	21	7.49e-04	-7.61e-04	0.11	1.44e-04	-2.63e-04	0.0
155	22	9.03e-04	-2.52e-03	-0.04	-9.82e-05	1.32e-05	0.0
155	23	7.49e-04	-7.61e-04	0.11	1.44e-04	-2.63e-04	0.0
155	24	8.86e-04	-2.32e-03	-0.02	-7.13e-05	-1.75e-05	0.0
156	1	6.37e-04	-1.10e-03	0.15	2.03e-04	-2.35e-04	0.0
156	2	1.07e-03	-3.75e-03	-0.11	-2.24e-04	7.51e-05	0.0
156	5	-6.44e-03	-3.46e-03	-0.03	-9.11e-05	3.94e-05	0.0
156	7	8.10e-03	-1.17e-03	-0.04	-9.50e-05	-6.53e-05	0.0
156	8	8.15e-03	-1.01e-03	-0.04	-8.79e-05	-7.03e-05	0.0
156	13	-5.78e-04	-2.49e-03	-0.02	-7.18e-05	-8.27e-06	0.0
156	15	2.01e-03	-2.04e-03	-0.02	-7.16e-05	-2.18e-05	0.0
156	16	2.02e-03	-2.03e-03	-0.02	-7.10e-05	-2.25e-05	0.0
156	21	4.90e-04	-8.46e-04	0.12	1.56e-04	-1.81e-04	0.0
156	22	7.47e-04	-2.44e-03	-0.04	-9.99e-05	5.28e-06	0.0
156	23	4.90e-04	-8.46e-04	0.12	1.56e-04	-1.81e-04	0.0
156	24	7.19e-04	-2.26e-03	-0.02	-7.14e-05	-1.54e-05	0.0
157	1	3.15e-04	-1.17e-03	0.16	2.13e-04	-1.20e-04	0.0
157	2	8.98e-04	-3.67e-03	-0.11	-2.28e-04	3.28e-05	0.0
157	7	7.85e-03	-1.73e-03	-0.04	-9.46e-05	-6.71e-05	0.0
157	8	7.88e-03	-1.56e-03	-0.03	-8.67e-05	-6.97e-05	0.0
157	9	-1.66e-03	-2.87e-03	-0.03	-9.79e-05	1.29e-05	0.0
157	13	-7.38e-04	-2.35e-03	-0.02	-7.18e-05	-3.07e-06	0.0
157	15	1.84e-03	-2.13e-03	-0.02	-7.17e-05	-1.81e-05	0.0
157	16	1.84e-03	-2.11e-03	-0.02	-7.09e-05	-1.85e-05	0.0
157	21	2.42e-04	-8.97e-04	0.12	1.64e-04	-9.21e-05	0.0
157	22	5.92e-04	-2.40e-03	-0.04	-1.01e-04	0.0	0.0
157	23	2.42e-04	-8.97e-04	0.12	1.64e-04	-9.21e-05	0.0
157	24	5.53e-04	-2.23e-03	-0.02	-7.14e-05	-1.08e-05	0.0
158	1	0.0	-1.19e-03	0.16	2.17e-04	0.0	0.0
158	2	7.29e-04	-3.68e-03	-0.11	-2.29e-04	-9.00e-06	0.0
158	4	7.29e-04	-3.41e-03	-0.15	-2.79e-04	-9.00e-06	0.0
158	5	-6.85e-03	-2.31e-03	-0.03	-9.35e-05	5.40e-05	0.0
158	8	7.63e-03	-2.13e-03	-0.03	-8.53e-05	-6.36e-05	0.0
158	11	2.56e-03	-2.72e-03	-0.03	-9.88e-05	-2.25e-05	0.0
158	16	1.68e-03	-2.24e-03	-0.02	-7.08e-05	-1.26e-05	0.0
158	19	7.76e-04	-2.27e-03	-0.02	-7.26e-05	-7.13e-06	0.0
158	21	0.0	-9.13e-04	0.13	1.67e-04	0.0	0.0
158	22	4.38e-04	-2.41e-03	-0.04	-1.01e-04	-5.40e-06	0.0
158	23	0.0	-9.13e-04	0.13	1.67e-04	0.0	0.0
158	24	3.89e-04	-2.24e-03	-0.02	-7.12e-05	-4.80e-06	0.0
159	1	-3.15e-04	-1.17e-03	0.16	2.13e-04	1.20e-04	0.0
159	2	5.63e-04	-3.78e-03	-0.11	-2.27e-04	-5.03e-05	0.0
159	4	6.36e-04	-3.51e-03	-0.15	-2.77e-04	-7.80e-05	0.0
159	5	-7.07e-03	-1.79e-03	-0.04	-9.43e-05	5.77e-05	0.0
159	7	7.42e-03	-2.92e-03	-0.03	-9.20e-05	-5.68e-05	0.0
159	11	2.44e-03	-2.93e-03	-0.03	-9.76e-05	-2.22e-05	0.0
159	13	-1.06e-03	-2.19e-03	-0.02	-7.14e-05	8.71e-06	0.0
159	15	1.52e-03	-2.41e-03	-0.02	-7.15e-05	-6.31e-06	0.0
159	21	-2.42e-04	-8.97e-04	0.12	1.64e-04	9.21e-05	0.0
159	22	2.85e-04	-2.47e-03	-0.04	-1.00e-04	-9.94e-06	0.0
159	23	-2.42e-04	-8.97e-04	0.12	1.64e-04	9.21e-05	0.0
159	24	2.26e-04	-2.29e-03	-0.02	-7.10e-05	1.40e-06	0.0
160	1	-6.37e-04	-1.10e-03	0.15	2.03e-04	2.35e-04	0.0
160	2	4.02e-04	-3.97e-03	-0.11	-2.23e-04	-9.14e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
160	5	-7.32e-03	-1.29e-03	-0.04	-9.44e-05	5.66e-05	0.0
160	6	-7.37e-03	-1.13e-03	-0.04	-8.73e-05	6.17e-05	0.0
160	7	7.23e-03	-3.58e-03	-0.03	-9.04e-05	-4.81e-05	0.0
160	13	-1.23e-03	-2.16e-03	-0.02	-7.10e-05	1.31e-05	0.0
160	15	1.36e-03	-2.61e-03	-0.02	-7.12e-05	0.0	0.0
160	21	-4.90e-04	-8.46e-04	0.12	1.56e-04	1.81e-04	0.0
160	22	1.34e-04	-2.57e-03	-0.04	-9.91e-05	-1.50e-05	0.0
160	23	-4.90e-04	-8.46e-04	0.12	1.56e-04	1.81e-04	0.0
160	24	6.42e-05	-2.38e-03	-0.02	-7.08e-05	6.75e-06	0.0
161	1	-9.74e-04	-9.89e-04	0.14	1.87e-04	3.42e-04	0.0
161	2	2.49e-04	-4.25e-03	-0.10	-2.15e-04	-1.32e-04	0.0
161	5	-7.59e-03	-8.10e-04	-0.04	-9.35e-05	4.86e-05	0.0
161	6	-7.66e-03	-6.61e-04	-0.04	-8.77e-05	5.56e-05	0.0
161	7	7.06e-03	-4.30e-03	-0.03	-8.89e-05	-3.85e-05	0.0
161	13	-1.39e-03	-2.16e-03	-0.02	-7.04e-05	1.50e-05	0.0
161	14	-1.40e-03	-2.15e-03	-0.02	-6.99e-05	1.61e-05	0.0
161	15	1.21e-03	-2.85e-03	-0.02	-7.09e-05	4.15e-06	0.0
161	21	-7.49e-04	-7.61e-04	0.11	1.44e-04	2.63e-04	0.0
161	22	-1.52e-05	-2.72e-03	-0.04	-9.72e-05	-2.15e-05	0.0
161	23	-7.49e-04	-7.61e-04	0.11	1.44e-04	2.63e-04	0.0
161	24	-9.67e-05	-2.50e-03	-0.02	-7.04e-05	1.01e-05	0.0
162	1	-1.33e-03	-8.29e-04	0.12	1.66e-04	4.33e-04	0.0
162	2	1.07e-04	-4.63e-03	-0.10	-2.04e-04	-1.73e-04	0.0
162	4	4.15e-04	-4.44e-03	-0.12	-2.43e-04	-2.73e-04	0.0
162	5	-7.88e-03	-3.31e-04	-0.04	-9.10e-05	3.07e-05	0.0
162	6	-7.97e-03	-1.99e-04	-0.04	-8.70e-05	3.90e-05	0.0
162	7	6.91e-03	-5.10e-03	-0.02	-8.76e-05	-2.93e-05	0.0
162	13	-1.56e-03	-2.20e-03	-0.02	-6.93e-05	1.29e-05	0.0
162	14	-1.57e-03	-2.19e-03	-0.02	-6.91e-05	1.41e-05	0.0
162	15	1.06e-03	-3.14e-03	-0.02	-7.05e-05	6.12e-06	0.0
162	21	-1.02e-03	-6.37e-04	0.10	1.28e-04	3.33e-04	0.0
162	22	-1.61e-04	-2.92e-03	-0.04	-9.45e-05	-3.03e-05	0.0
162	23	-1.02e-03	-6.37e-04	0.10	1.28e-04	3.33e-04	0.0
162	24	-2.57e-04	-2.67e-03	-0.02	-6.98e-05	1.01e-05	0.0
163	1	-1.72e-03	-6.13e-04	0.10	1.41e-04	5.02e-04	0.0
163	2	-2.00e-05	-5.13e-03	-0.09	-1.91e-04	-2.12e-04	0.0
163	4	3.76e-04	-4.99e-03	-0.11	-2.24e-04	-3.28e-04	0.0
163	5	-8.20e-03	1.57e-04	-0.04	-8.63e-05	0.0	0.0
163	6	-8.30e-03	2.70e-04	-0.04	-8.43e-05	8.20e-06	0.0
163	7	6.78e-03	-6.00e-03	-0.02	-8.68e-05	-2.15e-05	0.0
163	14	-1.75e-03	-2.27e-03	-0.02	-6.77e-05	6.36e-06	0.0
163	15	9.15e-04	-3.49e-03	-0.02	-6.98e-05	4.11e-06	0.0
163	21	-1.32e-03	-4.71e-04	0.08	1.08e-04	3.86e-04	0.0
163	22	-3.02e-04	-3.18e-03	-0.03	-9.09e-05	-4.24e-05	0.0
163	23	-1.32e-03	-4.71e-04	0.08	1.08e-04	3.86e-04	0.0
163	24	-4.15e-04	-2.88e-03	-0.02	-6.88e-05	5.24e-06	0.0
164	1	-2.13e-03	-3.32e-04	0.08	1.14e-04	5.38e-04	0.0
164	2	-1.30e-04	-5.75e-03	-0.08	-1.76e-04	-2.50e-04	0.0
164	4	3.62e-04	-5.68e-03	-0.10	-2.03e-04	-3.75e-04	0.0
164	6	-8.67e-03	7.61e-04	-0.04	-7.85e-05	-4.17e-05	0.0
164	7	6.68e-03	-7.03e-03	-0.02	-8.64e-05	-1.64e-05	0.0
164	14	-1.92e-03	-2.39e-03	-0.02	-6.54e-05	-9.56e-06	0.0
164	15	7.77e-04	-3.91e-03	-0.02	-6.88e-05	-3.59e-06	0.0
164	21	-1.64e-03	-2.56e-04	0.06	8.78e-05	4.14e-04	0.0
164	22	-4.39e-04	-3.51e-03	-0.03	-8.65e-05	-5.92e-05	0.0
164	23	-1.64e-03	-2.56e-04	0.06	8.78e-05	4.14e-04	0.0
164	24	-5.72e-04	-3.15e-03	-0.02	-6.71e-05	-6.58e-06	0.0
165	1	-2.58e-03	2.38e-05	0.06	8.78e-05	5.28e-04	0.0
165	4	3.74e-04	-6.53e-03	-0.08	-1.80e-04	-4.08e-04	0.0
165	6	-9.06e-03	1.29e-03	-0.04	-6.84e-05	-1.17e-04	0.0
165	7	6.60e-03	-8.20e-03	-0.02	-8.67e-05	-1.54e-05	0.0
165	14	-2.10e-03	-2.54e-03	-0.02	-6.18e-05	-3.64e-05	0.0
165	15	6.46e-04	-4.40e-03	-0.02	-6.72e-05	-1.92e-05	0.0
165	21	-1.98e-03	1.83e-05	0.04	6.76e-05	4.06e-04	0.0
165	22	-5.69e-04	-3.91e-03	-0.03	-8.10e-05	-8.21e-05	0.0
165	23	-1.98e-03	1.83e-05	0.04	6.76e-05	4.06e-04	0.0
165	24	-7.26e-04	-3.47e-03	-0.02	-6.45e-05	-2.78e-05	0.0
166	1	-3.06e-03	4.69e-04	0.04	6.48e-05	4.55e-04	0.0
166	4	4.13e-04	-7.56e-03	-0.06	-1.57e-04	-4.22e-04	0.0
166	6	-9.47e-03	1.89e-03	-0.03	-5.26e-05	-2.24e-04	0.0
166	7	6.55e-03	-9.54e-03	-0.02	-8.76e-05	-2.04e-05	0.0
166	14	-2.28e-03	-2.75e-03	-0.02	-5.63e-05	-7.78e-05	0.0
166	16	5.03e-04	-4.98e-03	-0.02	-6.57e-05	-4.49e-05	0.0
166	21	-2.35e-03	3.61e-04	0.03	4.99e-05	3.50e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
166	22	-6.93e-04	-4.39e-03	-0.03	-7.43e-05	-1.13e-04	0.0
166	23	-2.35e-03	3.61e-04	0.03	4.99e-05	3.50e-04	0.0
166	24	-8.77e-04	-3.86e-03	-0.02	-6.05e-05	-6.16e-05	0.0
167	1	-3.56e-03	1.02e-03	0.02	4.82e-05	2.98e-04	0.0
167	4	4.72e-04	-8.81e-03	-0.04	-1.34e-04	-4.10e-04	0.0
167	6	-9.92e-03	2.56e-03	-0.02	-2.75e-05	-3.72e-04	0.0
167	7	6.53e-03	-0.01	-0.02	-8.92e-05	-3.39e-05	0.0
167	8	6.38e-03	-0.01	-0.02	-9.41e-05	-3.49e-05	0.0
167	14	-2.46e-03	-3.00e-03	-0.02	-4.77e-05	-1.38e-04	0.0
167	16	3.87e-04	-5.66e-03	-0.02	-6.18e-05	-8.58e-05	0.0
167	21	-2.73e-03	7.82e-04	0.01	3.70e-05	2.29e-04	0.0
167	22	-8.11e-04	-4.97e-03	-0.02	-6.56e-05	-1.54e-04	0.0
167	23	-2.73e-03	7.82e-04	0.01	3.70e-05	2.29e-04	0.0
167	24	-1.02e-03	-4.33e-03	-0.02	-5.42e-05	-1.12e-04	0.0
168	1	-4.06e-03	1.67e-03	0.01	4.17e-05	2.97e-05	7.08e-06
168	4	5.42e-04	-0.01	-0.03	-1.23e-04	-3.61e-04	2.36e-06
168	6	-0.01	3.32e-03	-1.59e-04	-1.25e-05	-5.69e-04	5.12e-05
168	7	6.53e-03	-0.01	-0.02	-9.02e-05	-5.81e-05	-3.36e-05
168	8	6.38e-03	-0.01	-0.02	-9.54e-05	-6.44e-05	-3.25e-05
168	14	-2.64e-03	-3.31e-03	-8.21e-03	-4.26e-05	-2.21e-04	1.14e-05
168	16	2.78e-04	-6.46e-03	-0.01	-5.94e-05	-1.44e-04	-3.66e-06
168	21	-3.12e-03	1.29e-03	8.55e-03	3.21e-05	2.29e-05	5.44e-06
168	22	-9.24e-04	-5.66e-03	-0.01	-6.07e-05	-2.07e-04	3.59e-06
168	23	-3.12e-03	1.29e-03	8.55e-03	3.21e-05	2.29e-05	5.44e-06
168	24	-1.17e-03	-4.89e-03	-1.00e-02	-5.04e-05	-1.82e-04	3.80e-06
169	1	3.75e-03	8.91e-04	0.02	4.11e-05	-3.07e-04	0.0
169	4	1.22e-03	-8.13e-03	-0.05	-1.21e-04	4.75e-04	0.0
169	5	-6.90e-03	-0.01	-0.02	-8.95e-05	5.72e-05	0.0
169	6	-6.73e-03	-0.01	-0.03	-9.49e-05	5.75e-05	0.0
169	8	0.01	3.51e-03	-0.02	-1.31e-05	4.21e-04	0.0
169	14	3.29e-04	-5.48e-03	-0.02	-5.88e-05	1.15e-04	0.0
169	16	3.68e-03	-2.55e-03	-0.02	-4.20e-05	1.71e-04	0.0
169	21	2.88e-03	6.86e-04	0.02	3.17e-05	-2.36e-04	0.0
169	22	1.88e-03	-4.60e-03	-0.02	-5.99e-05	1.90e-04	0.0
169	23	2.88e-03	6.86e-04	0.02	3.17e-05	-2.36e-04	0.0
169	24	1.99e-03	-4.02e-03	-0.02	-4.97e-05	1.43e-04	0.0
170	1	4.25e-03	1.47e-03	0.01	3.87e-05	-3.10e-05	-4.15e-06
170	4	1.21e-03	-9.37e-03	-0.03	-1.14e-04	4.48e-04	-5.84e-06
170	5	-6.86e-03	-0.01	-0.02	-9.06e-05	9.35e-05	3.26e-05
170	6	-6.69e-03	-0.01	-0.02	-9.65e-05	1.00e-04	3.16e-05
170	8	0.01	4.40e-03	1.18e-03	-2.33e-06	6.38e-04	-4.73e-05
170	14	4.72e-04	-6.19e-03	-0.01	-5.69e-05	1.87e-04	2.62e-06
170	16	3.89e-03	-2.75e-03	-8.57e-03	-3.79e-05	2.70e-04	-1.20e-05
170	21	3.27e-03	1.13e-03	9.77e-03	2.98e-05	-2.39e-05	-3.19e-06
170	22	2.03e-03	-5.17e-03	-0.01	-5.63e-05	2.59e-04	-4.78e-06
170	23	3.27e-03	1.13e-03	9.77e-03	2.98e-05	-2.39e-05	-3.19e-06
170	24	2.17e-03	-4.47e-03	-0.01	-4.67e-05	2.28e-04	-4.60e-06
171	1	3.24e-03	3.89e-04	0.04	4.78e-05	-4.70e-04	0.0
171	4	1.22e-03	-7.07e-03	-0.07	-1.36e-04	4.69e-04	0.0
171	5	-6.96e-03	-9.91e-03	-0.03	-8.79e-05	3.44e-05	0.0
171	8	0.01	2.71e-03	-0.03	-3.17e-05	2.56e-04	0.0
171	14	1.82e-04	-4.87e-03	-0.02	-6.22e-05	6.28e-05	0.0
171	16	3.47e-03	-2.40e-03	-0.02	-4.92e-05	9.91e-05	0.0
171	20	2.35e-03	-3.26e-03	-0.02	-5.50e-05	8.56e-05	0.0
171	21	2.49e-03	2.99e-04	0.03	3.68e-05	-3.61e-04	0.0
171	22	1.73e-03	-4.12e-03	-0.03	-6.67e-05	1.37e-04	0.0
171	23	2.49e-03	2.99e-04	0.03	3.68e-05	-3.61e-04	0.0
171	24	1.82e-03	-3.63e-03	-0.02	-5.52e-05	8.13e-05	0.0
172	1	2.75e-03	-3.87e-05	0.06	5.74e-05	-5.46e-04	0.0
172	2	1.86e-03	-6.19e-03	-0.07	-1.37e-04	3.14e-04	0.0
172	4	1.22e-03	-6.19e-03	-0.09	-1.50e-04	4.40e-04	0.0
172	5	-7.04e-03	-8.56e-03	-0.03	-8.72e-05	2.24e-05	0.0
172	8	0.01	1.99e-03	-0.04	-4.48e-05	1.36e-04	0.0
172	13	1.06e-05	-4.35e-03	-0.02	-6.39e-05	2.89e-05	0.0
172	16	3.27e-03	-2.28e-03	-0.03	-5.47e-05	4.85e-05	0.0
172	21	2.12e-03	-2.98e-05	0.05	4.41e-05	-4.20e-04	0.0
172	22	1.58e-03	-3.72e-03	-0.03	-7.22e-05	9.60e-05	0.0
172	23	2.12e-03	-2.98e-05	0.05	4.41e-05	-4.20e-04	0.0
172	24	1.64e-03	-3.31e-03	-0.03	-5.93e-05	3.87e-05	0.0
173	1	2.29e-03	-3.95e-04	0.08	6.87e-05	-5.57e-04	0.0
173	2	1.73e-03	-5.55e-03	-0.09	-1.48e-04	2.67e-04	0.0
173	4	1.21e-03	-5.46e-03	-0.11	-1.64e-04	3.95e-04	0.0
173	5	-7.13e-03	-7.38e-03	-0.03	-8.70e-05	1.82e-05	0.0
173	8	0.01	1.33e-03	-0.05	-5.44e-05	5.12e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
173	13	-1.41e-04	-3.90e-03	-0.03	-6.63e-05	6.99e-06	0.0
173	16	3.07e-03	-2.20e-03	-0.03	-5.90e-05	1.46e-05	0.0
173	21	1.76e-03	-3.04e-04	0.07	5.29e-05	-4.29e-04	0.0
173	22	1.43e-03	-3.40e-03	-0.04	-7.71e-05	6.58e-05	0.0
173	23	1.76e-03	-3.04e-04	0.07	5.29e-05	-4.29e-04	0.0
173	24	1.46e-03	-3.05e-03	-0.03	-6.26e-05	1.08e-05	0.0
174	1	1.85e-03	-6.87e-04	0.11	8.06e-05	-5.21e-04	0.0
174	2	1.60e-03	-5.03e-03	-0.10	-1.58e-04	2.19e-04	0.0
174	4	1.17e-03	-4.87e-03	-0.12	-1.77e-04	3.40e-04	0.0
174	5	-7.25e-03	-6.34e-03	-0.03	-8.71e-05	1.95e-05	0.0
174	7	0.01	5.73e-04	-0.05	-6.40e-05	5.09e-06	0.0
174	8	0.01	7.08e-04	-0.05	-6.13e-05	-5.88e-06	0.0
174	13	-2.95e-04	-3.53e-03	-0.03	-6.81e-05	-5.34e-06	0.0
174	16	2.88e-03	-2.16e-03	-0.03	-6.24e-05	-6.47e-06	0.0
174	21	1.42e-03	-5.28e-04	0.08	6.20e-05	-4.01e-04	0.0
174	22	1.27e-03	-3.13e-03	-0.04	-8.12e-05	4.34e-05	0.0
174	23	1.42e-03	-5.28e-04	0.08	6.20e-05	-4.01e-04	0.0
174	24	1.29e-03	-2.85e-03	-0.03	-6.53e-05	-5.90e-06	0.0
175	2	1.46e-03	-4.63e-03	-0.11	-1.67e-04	1.72e-04	0.0
175	4	1.13e-03	-4.42e-03	-0.14	-1.88e-04	2.76e-04	0.0
175	5	-7.38e-03	-5.42e-03	-0.03	-8.73e-05	2.45e-05	0.0
175	7	0.01	-4.82e-05	-0.05	-7.12e-05	-3.14e-05	0.0
175	8	0.01	1.12e-04	-0.05	-6.61e-05	-4.17e-05	0.0
175	13	-4.51e-04	-3.22e-03	-0.02	-6.95e-05	-1.07e-05	0.0
175	15	2.68e-03	-2.16e-03	-0.03	-6.53e-05	-1.64e-05	0.0
175	16	2.69e-03	-2.15e-03	-0.03	-6.50e-05	-1.79e-05	0.0
175	21	1.11e-03	-7.06e-04	0.10	7.06e-05	-3.46e-04	0.0
175	22	1.12e-03	-2.94e-03	-0.04	-8.45e-05	2.72e-05	0.0
175	23	1.11e-03	-7.06e-04	0.10	7.06e-05	-3.46e-04	0.0
175	24	1.12e-03	-2.69e-03	-0.03	-6.73e-05	-1.43e-05	0.0
176	1	1.06e-03	-1.09e-03	0.15	1.01e-04	-3.55e-04	0.0
176	2	1.31e-03	-4.35e-03	-0.11	-1.74e-04	1.26e-04	0.0
176	5	-7.54e-03	-4.59e-03	-0.03	-8.74e-05	3.18e-05	0.0
176	7	9.79e-03	-6.58e-04	-0.04	-7.66e-05	-5.30e-05	0.0
176	8	9.87e-03	-4.78e-04	-0.04	-6.96e-05	-6.16e-05	0.0
176	13	-6.07e-04	-2.97e-03	-0.02	-7.06e-05	-1.10e-05	0.0
176	15	2.50e-03	-2.19e-03	-0.03	-6.76e-05	-2.11e-05	0.0
176	16	2.51e-03	-2.18e-03	-0.03	-6.70e-05	-2.24e-05	0.0
176	21	8.13e-04	-8.42e-04	0.11	7.80e-05	-2.73e-04	0.0
176	22	9.68e-04	-2.79e-03	-0.04	-8.71e-05	1.53e-05	0.0
176	23	8.13e-04	-8.42e-04	0.11	7.80e-05	-2.73e-04	0.0
176	24	9.50e-04	-2.58e-03	-0.03	-6.88e-05	-1.67e-05	0.0
177	1	6.93e-04	-1.22e-03	0.16	1.09e-04	-2.45e-04	0.0
177	2	1.16e-03	-4.16e-03	-0.12	-1.79e-04	8.01e-05	0.0
177	5	-7.71e-03	-3.85e-03	-0.03	-8.72e-05	3.99e-05	0.0
177	7	9.51e-03	-1.27e-03	-0.04	-8.05e-05	-6.36e-05	0.0
177	8	9.57e-03	-1.07e-03	-0.04	-7.21e-05	-6.98e-05	0.0
177	13	-7.64e-04	-2.77e-03	-0.02	-7.12e-05	-8.07e-06	0.0
177	15	2.33e-03	-2.26e-03	-0.03	-6.93e-05	-2.10e-05	0.0
177	16	2.33e-03	-2.24e-03	-0.03	-6.85e-05	-2.19e-05	0.0
177	21	5.33e-04	-9.37e-04	0.12	8.37e-05	-1.88e-04	0.0
177	22	8.16e-04	-2.70e-03	-0.04	-8.90e-05	6.65e-06	0.0
177	23	5.33e-04	-9.37e-04	0.12	8.37e-05	-1.88e-04	0.0
177	24	7.84e-04	-2.51e-03	-0.02	-6.98e-05	-1.50e-05	0.0
178	1	3.43e-04	-1.29e-03	0.17	1.13e-04	-1.25e-04	0.0
178	2	1.01e-03	-4.08e-03	-0.12	-1.82e-04	3.52e-05	0.0
178	7	9.26e-03	-1.90e-03	-0.04	-8.34e-05	-6.63e-05	0.0
178	8	9.29e-03	-1.69e-03	-0.04	-7.40e-05	-6.95e-05	0.0
178	9	-2.00e-03	-3.23e-03	-0.03	-9.92e-05	1.44e-05	0.0
178	13	-9.22e-04	-2.61e-03	-0.02	-7.14e-05	-3.13e-06	0.0
178	15	2.16e-03	-2.36e-03	-0.02	-7.04e-05	-1.77e-05	0.0
178	16	2.16e-03	-2.34e-03	-0.02	-6.95e-05	-1.81e-05	0.0
178	21	2.64e-04	-9.94e-04	0.13	8.72e-05	-9.58e-05	0.0
178	22	6.65e-04	-2.66e-03	-0.04	-9.01e-05	0.0	0.0
178	23	2.64e-04	-9.94e-04	0.13	8.72e-05	-9.58e-05	0.0
178	24	6.20e-04	-2.48e-03	-0.02	-7.04e-05	-1.06e-05	0.0
179	1	0.0	-1.32e-03	0.17	1.15e-04	0.0	0.0
179	2	8.59e-04	-4.09e-03	-0.12	-1.83e-04	-9.14e-06	0.0
179	4	8.59e-04	-3.79e-03	-0.16	-2.10e-04	-9.14e-06	0.0
179	5	-8.11e-03	-2.55e-03	-0.04	-8.54e-05	5.38e-05	0.0
179	8	9.03e-03	-2.34e-03	-0.04	-7.57e-05	-6.36e-05	0.0
179	11	3.03e-03	-3.06e-03	-0.03	-9.97e-05	-2.25e-05	0.0
179	16	2.00e-03	-2.48e-03	-0.02	-7.01e-05	-1.24e-05	0.0
179	19	9.20e-04	-2.52e-03	-0.02	-7.23e-05	-7.13e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
179	21	0.0	-1.01e-03	0.13	8.85e-05	0.0	0.0
179	22	5.15e-04	-2.68e-03	-0.04	-9.05e-05	-5.49e-06	0.0
179	23	0.0	-1.01e-03	0.13	8.85e-05	0.0	0.0
179	24	4.58e-04	-2.49e-03	-0.02	-7.06e-05	-4.88e-06	0.0
180	1	-3.43e-04	-1.29e-03	0.17	1.13e-04	1.25e-04	0.0
180	2	7.10e-04	-4.20e-03	-0.12	-1.82e-04	-5.30e-05	0.0
180	4	7.89e-04	-3.90e-03	-0.16	-2.08e-04	-8.17e-05	0.0
180	5	-8.34e-03	-1.96e-03	-0.04	-8.35e-05	5.68e-05	0.0
180	7	8.82e-03	-3.24e-03	-0.03	-8.66e-05	-5.72e-05	0.0
180	11	2.92e-03	-3.30e-03	-0.03	-9.92e-05	-2.39e-05	0.0
180	13	-1.24e-03	-2.43e-03	-0.02	-7.05e-05	8.14e-06	0.0
180	15	1.84e-03	-2.68e-03	-0.02	-7.14e-05	-6.39e-06	0.0
180	21	-2.64e-04	-9.94e-04	0.13	8.72e-05	9.58e-05	0.0
180	22	3.68e-04	-2.74e-03	-0.04	-9.02e-05	-1.07e-05	0.0
180	23	-2.64e-04	-9.94e-04	0.13	8.72e-05	9.58e-05	0.0
180	24	2.98e-04	-2.54e-03	-0.02	-7.05e-05	1.12e-06	0.0
181	1	-6.93e-04	-1.22e-03	0.16	1.09e-04	2.45e-04	0.0
181	2	5.65e-04	-4.41e-03	-0.11	-1.79e-04	-9.65e-05	0.0
181	4	7.25e-04	-4.13e-03	-0.15	-2.04e-04	-1.53e-04	0.0
181	5	-8.59e-03	-1.40e-03	-0.04	-8.07e-05	5.49e-05	0.0
181	6	-8.64e-03	-1.21e-03	-0.04	-7.22e-05	6.10e-05	0.0
181	7	8.63e-03	-3.98e-03	-0.03	-8.73e-05	-4.86e-05	0.0
181	13	-1.40e-03	-2.39e-03	-0.02	-6.94e-05	1.23e-05	0.0
181	15	1.69e-03	-2.90e-03	-0.02	-7.13e-05	0.0	0.0
181	21	-5.33e-04	-9.37e-04	0.12	8.37e-05	1.88e-04	0.0
181	22	2.22e-04	-2.85e-03	-0.04	-8.91e-05	-1.65e-05	0.0
181	23	-5.33e-04	-9.37e-04	0.12	8.37e-05	1.88e-04	0.0
181	24	1.38e-04	-2.64e-03	-0.02	-6.99e-05	6.25e-06	0.0
182	1	-1.06e-03	-1.09e-03	0.15	1.01e-04	3.55e-04	0.0
182	2	4.28e-04	-4.72e-03	-0.11	-1.74e-04	-1.40e-04	0.0
182	5	-8.86e-03	-8.59e-04	-0.04	-7.68e-05	4.56e-05	0.0
182	6	-8.94e-03	-6.78e-04	-0.04	-6.98e-05	5.43e-05	0.0
182	7	8.47e-03	-4.79e-03	-0.03	-8.76e-05	-3.91e-05	0.0
182	13	-1.57e-03	-2.39e-03	-0.02	-6.78e-05	1.37e-05	0.0
182	14	-1.58e-03	-2.38e-03	-0.02	-6.72e-05	1.50e-05	0.0
182	15	1.54e-03	-3.17e-03	-0.02	-7.08e-05	3.65e-06	0.0
182	21	-8.13e-04	-8.42e-04	0.11	7.80e-05	2.73e-04	0.0
182	22	7.77e-05	-3.02e-03	-0.04	-8.74e-05	-2.36e-05	0.0
182	23	-8.13e-04	-8.42e-04	0.11	7.80e-05	2.73e-04	0.0
182	24	-2.13e-05	-2.78e-03	-0.02	-6.90e-05	9.34e-06	0.0
183	1	-1.44e-03	-9.18e-04	0.13	9.18e-05	4.50e-04	0.0
183	2	3.00e-04	-5.15e-03	-0.10	-1.68e-04	-1.82e-04	0.0
183	4	6.33e-04	-4.93e-03	-0.13	-1.89e-04	-2.86e-04	0.0
183	5	-9.16e-03	-3.22e-04	-0.05	-7.16e-05	2.61e-05	0.0
183	6	-9.26e-03	-1.62e-04	-0.04	-6.65e-05	3.65e-05	0.0
183	7	8.32e-03	-5.69e-03	-0.03	-8.77e-05	-2.98e-05	0.0
183	13	-1.74e-03	-2.44e-03	-0.03	-6.58e-05	1.11e-05	0.0
183	14	-1.75e-03	-2.42e-03	-0.03	-6.54e-05	1.27e-05	0.0
183	15	1.39e-03	-3.50e-03	-0.02	-7.00e-05	5.39e-06	0.0
183	21	-1.11e-03	-7.06e-04	0.10	7.06e-05	3.46e-04	0.0
183	22	-6.38e-05	-3.24e-03	-0.04	-8.50e-05	-3.31e-05	0.0
183	23	-1.11e-03	-7.06e-04	0.10	7.06e-05	3.46e-04	0.0
183	24	-1.80e-04	-2.96e-03	-0.02	-6.77e-05	9.02e-06	0.0
184	1	-1.85e-03	-6.87e-04	0.11	8.06e-05	5.21e-04	0.0
184	2	1.85e-04	-5.69e-03	-0.09	-1.59e-04	-2.24e-04	0.0
184	4	6.12e-04	-5.53e-03	-0.12	-1.78e-04	-3.44e-04	0.0
184	5	-9.49e-03	2.20e-04	-0.05	-6.47e-05	-7.33e-06	0.0
184	6	-9.61e-03	3.56e-04	-0.05	-6.20e-05	3.64e-06	0.0
184	7	8.20e-03	-6.69e-03	-0.03	-8.78e-05	-2.17e-05	0.0
184	14	-1.92e-03	-2.51e-03	-0.03	-6.31e-05	4.23e-06	0.0
184	15	1.25e-03	-3.89e-03	-0.02	-6.88e-05	3.10e-06	0.0
184	21	-1.42e-03	-5.28e-04	0.08	6.20e-05	4.01e-04	0.0
184	22	-2.02e-04	-3.53e-03	-0.04	-8.20e-05	-4.60e-05	0.0
184	23	-1.42e-03	-5.28e-04	0.08	6.20e-05	4.01e-04	0.0
184	24	-3.38e-04	-3.20e-03	-0.02	-6.60e-05	3.67e-06	0.0
185	1	-2.29e-03	-3.95e-04	0.08	6.87e-05	5.57e-04	0.0
185	2	8.37e-05	-6.37e-03	-0.08	-1.50e-04	-2.63e-04	0.0
185	4	6.12e-04	-6.28e-03	-0.10	-1.66e-04	-3.92e-04	0.0
185	6	-9.99e-03	8.89e-04	-0.05	-5.56e-05	-4.91e-05	0.0
185	7	8.10e-03	-7.82e-03	-0.03	-8.81e-05	-1.62e-05	0.0
185	14	-2.10e-03	-2.64e-03	-0.03	-6.02e-05	-1.26e-05	0.0
185	15	1.11e-03	-4.34e-03	-0.02	-6.74e-05	-4.97e-06	0.0
185	21	-1.76e-03	-3.04e-04	0.07	5.29e-05	4.29e-04	0.0
185	22	-3.37e-04	-3.89e-03	-0.04	-7.84e-05	-6.35e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
185	23	-1.76e-03	-3.04e-04	0.07	5.29e-05	4.29e-04	0.0
185	24	-4.95e-04	-3.49e-03	-0.02	-6.38e-05	-8.77e-06	0.0
186	1	-2.75e-03	-3.87e-05	0.06	5.74e-05	5.46e-04	0.0
186	2	-2.46e-06	-7.20e-03	-0.07	-1.40e-04	-2.99e-04	0.0
186	4	6.33e-04	-7.19e-03	-0.09	-1.53e-04	-4.25e-04	0.0
186	6	-0.01	1.45e-03	-0.04	-4.66e-05	-1.28e-04	0.0
186	7	8.02e-03	-9.10e-03	-0.03	-8.90e-05	-1.45e-05	0.0
186	14	-2.28e-03	-2.81e-03	-0.02	-5.65e-05	-4.06e-05	0.0
186	15	9.79e-04	-4.88e-03	-0.02	-6.57e-05	-2.10e-05	0.0
186	21	-2.12e-03	-2.98e-05	0.05	4.41e-05	4.20e-04	0.0
186	22	-4.67e-04	-4.32e-03	-0.03	-7.43e-05	-8.72e-05	0.0
186	23	-2.12e-03	-2.98e-05	0.05	4.41e-05	4.20e-04	0.0
186	24	-6.51e-04	-3.85e-03	-0.02	-6.11e-05	-3.08e-05	0.0
187	1	-3.24e-03	3.89e-04	0.04	4.78e-05	4.70e-04	0.0
187	4	6.74e-04	-8.28e-03	-0.07	-1.41e-04	-4.39e-04	0.0
187	6	-0.01	2.07e-03	-0.03	-3.44e-05	-2.40e-04	0.0
187	7	7.97e-03	-0.01	-0.03	-9.06e-05	-1.88e-05	0.0
187	14	-2.46e-03	-3.04e-03	-0.02	-5.20e-05	-8.35e-05	0.0
187	16	8.30e-04	-5.51e-03	-0.02	-6.49e-05	-4.71e-05	0.0
187	18	-1.34e-03	-3.91e-03	-0.02	-5.77e-05	-7.00e-05	0.0
187	21	-2.49e-03	2.99e-04	0.03	3.68e-05	3.61e-04	0.0
187	22	-5.93e-04	-4.85e-03	-0.03	-6.97e-05	-1.19e-04	0.0
187	23	-2.49e-03	2.99e-04	0.03	3.68e-05	3.61e-04	0.0
187	24	-8.05e-04	-4.27e-03	-0.02	-5.79e-05	-6.57e-05	0.0
188	1	-3.75e-03	8.91e-04	0.02	4.11e-05	3.07e-04	0.0
188	4	7.29e-04	-9.56e-03	-0.05	-1.29e-04	-4.26e-04	0.0
188	6	-0.01	2.74e-03	-0.02	-1.71e-05	-3.95e-04	0.0
188	7	7.94e-03	-0.01	-0.02	-9.36e-05	-3.13e-05	0.0
188	8	7.77e-03	-0.01	-0.03	-9.90e-05	-3.16e-05	0.0
188	14	-2.64e-03	-3.32e-03	-0.02	-4.60e-05	-1.46e-04	0.0
188	16	7.09e-04	-6.25e-03	-0.02	-6.28e-05	-8.89e-05	0.0
188	21	-2.88e-03	6.86e-04	0.02	3.17e-05	2.36e-04	0.0
188	22	-7.16e-04	-5.46e-03	-0.02	-6.45e-05	-1.61e-04	0.0
188	23	-2.88e-03	6.86e-04	0.02	3.17e-05	2.36e-04	0.0
188	24	-9.56e-04	-4.78e-03	-0.02	-5.38e-05	-1.17e-04	0.0
189	1	-4.25e-03	1.47e-03	0.01	3.87e-05	3.10e-05	4.15e-06
189	4	7.88e-04	-0.01	-0.03	-1.23e-04	-3.75e-04	-2.23e-06
189	6	-0.01	3.50e-03	-9.03e-05	-7.16e-06	-5.99e-04	4.30e-05
189	7	7.93e-03	-0.01	-0.02	-9.54e-05	-5.45e-05	-3.69e-05
189	8	7.76e-03	-0.01	-0.02	-1.01e-04	-6.14e-05	-3.59e-05
189	14	-2.83e-03	-3.65e-03	-9.83e-03	-4.27e-05	-2.31e-04	7.68e-06
189	16	5.93e-04	-7.10e-03	-0.01	-6.17e-05	-1.48e-04	-6.92e-06
189	21	-3.27e-03	1.13e-03	9.77e-03	2.98e-05	2.39e-05	3.19e-06
189	22	-8.36e-04	-6.19e-03	-0.01	-6.17e-05	-2.16e-04	0.0
189	23	-3.27e-03	1.13e-03	9.77e-03	2.98e-05	2.39e-05	3.19e-06
189	24	-1.11e-03	-5.37e-03	-0.01	-5.16e-05	-1.89e-04	0.0
190	1	3.86e-03	7.34e-04	0.02	3.42e-05	-3.08e-04	0.0
190	4	1.21e-03	-8.69e-03	-0.05	-1.13e-04	4.83e-04	0.0
190	5	-8.26e-03	-0.01	-0.03	-9.25e-05	5.44e-05	0.0
190	6	-8.06e-03	-0.01	-0.03	-9.84e-05	5.37e-05	0.0
190	8	0.01	3.72e-03	-0.02	-1.84e-06	4.35e-04	0.0
190	14	1.02e-04	-5.96e-03	-0.02	-5.86e-05	1.17e-04	0.0
190	16	3.98e-03	-2.79e-03	-0.02	-3.92e-05	1.77e-04	0.0
190	21	2.97e-03	5.65e-04	0.02	2.63e-05	-2.37e-04	0.0
190	22	1.91e-03	-4.99e-03	-0.03	-5.75e-05	1.95e-04	0.0
190	23	2.97e-03	5.65e-04	0.02	2.63e-05	-2.37e-04	0.0
190	24	2.03e-03	-4.37e-03	-0.02	-4.82e-05	1.47e-04	0.0
191	1	4.36e-03	1.24e-03	0.01	3.56e-05	-3.11e-05	-1.49e-06
191	4	1.21e-03	-9.93e-03	-0.03	-1.12e-04	4.56e-04	0.0
191	5	-8.21e-03	-0.01	-0.03	-9.46e-05	8.91e-05	3.62e-05
191	6	-8.01e-03	-0.01	-0.03	-1.01e-04	9.63e-05	3.52e-05
191	8	0.01	4.60e-03	1.50e-03	3.56e-06	6.55e-04	-3.87e-05
191	14	2.50e-04	-6.71e-03	-0.02	-5.82e-05	1.89e-04	6.19e-06
191	16	4.19e-03	-3.00e-03	-0.01	-3.72e-05	2.76e-04	-7.88e-06
191	21	3.35e-03	9.50e-04	0.01	2.73e-05	-2.39e-05	-1.15e-06
191	22	2.07e-03	-5.58e-03	-0.02	-5.63e-05	2.64e-04	0.0
191	23	3.35e-03	9.50e-04	0.01	2.73e-05	-2.39e-05	-1.15e-06
191	24	2.21e-03	-4.85e-03	-0.01	-4.70e-05	2.32e-04	0.0
192	1	3.35e-03	2.79e-04	0.04	3.13e-05	-4.72e-04	0.0
192	4	1.21e-03	-7.60e-03	-0.07	-1.17e-04	4.77e-04	0.0
192	5	-8.32e-03	-0.01	-0.03	-8.92e-05	3.28e-05	0.0
192	8	0.01	2.92e-03	-0.04	-1.21e-05	2.68e-04	0.0
192	14	-4.67e-05	-5.30e-03	-0.03	-5.98e-05	6.49e-05	0.0
192	16	3.77e-03	-2.61e-03	-0.03	-4.34e-05	1.04e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
192	18	1.32e-03	-4.36e-03	-0.03	-5.54e-05	7.75e-05	0.0
192	21	2.58e-03	2.15e-04	0.03	2.41e-05	-3.63e-04	0.0
192	22	1.76e-03	-4.48e-03	-0.03	-6.04e-05	1.41e-04	0.0
192	23	2.58e-03	2.15e-04	0.03	2.41e-05	-3.63e-04	0.0
192	24	1.85e-03	-3.96e-03	-0.03	-5.10e-05	8.51e-05	0.0
193	1	2.86e-03	-1.26e-04	0.06	2.80e-05	-5.50e-04	0.0
193	2	1.87e-03	-6.71e-03	-0.08	-1.14e-04	3.22e-04	0.0
193	4	1.21e-03	-6.68e-03	-0.09	-1.21e-04	4.49e-04	0.0
193	5	-8.39e-03	-9.34e-03	-0.03	-8.77e-05	2.17e-05	0.0
193	8	0.01	2.18e-03	-0.04	-2.12e-05	1.46e-04	0.0
193	13	-2.21e-04	-4.74e-03	-0.03	-6.07e-05	3.13e-05	0.0
193	16	3.57e-03	-2.48e-03	-0.03	-4.77e-05	5.30e-05	0.0
193	21	2.20e-03	-9.68e-05	0.05	2.16e-05	-4.23e-04	0.0
193	22	1.61e-03	-4.05e-03	-0.04	-6.37e-05	1.00e-04	0.0
193	23	2.20e-03	-9.68e-05	0.05	2.16e-05	-4.23e-04	0.0
193	24	1.67e-03	-3.61e-03	-0.03	-5.42e-05	4.22e-05	0.0
194	1	2.39e-03	-4.78e-04	0.09	2.49e-05	-5.62e-04	0.0
194	2	1.76e-03	-6.03e-03	-0.09	-1.19e-04	2.75e-04	0.0
194	4	1.21e-03	-5.92e-03	-0.11	-1.25e-04	4.04e-04	0.0
194	5	-8.49e-03	-8.07e-03	-0.03	-8.69e-05	1.79e-05	0.0
194	8	0.01	1.49e-03	-0.05	-2.95e-05	5.90e-05	0.0
194	13	-3.71e-04	-4.26e-03	-0.03	-6.31e-05	9.22e-06	0.0
194	16	3.37e-03	-2.39e-03	-0.03	-5.20e-05	1.86e-05	0.0
194	21	1.84e-03	-3.68e-04	0.07	1.92e-05	-4.32e-04	0.0
194	22	1.46e-03	-3.70e-03	-0.04	-6.72e-05	6.97e-05	0.0
194	23	1.84e-03	-3.68e-04	0.07	1.92e-05	-4.32e-04	0.0
194	24	1.50e-03	-3.33e-03	-0.03	-5.76e-05	1.39e-05	0.0
195	1	1.94e-03	-7.76e-04	0.11	2.22e-05	-5.25e-04	0.0
195	2	1.64e-03	-5.48e-03	-0.10	-1.24e-04	2.26e-04	0.0
195	4	1.19e-03	-5.30e-03	-0.13	-1.29e-04	3.48e-04	0.0
195	5	-8.60e-03	-6.94e-03	-0.03	-8.65e-05	1.94e-05	0.0
195	7	0.01	6.67e-04	-0.05	-4.06e-05	1.39e-05	0.0
195	8	0.01	8.27e-04	-0.05	-3.71e-05	0.0	0.0
195	13	-5.21e-04	-3.86e-03	-0.03	-6.55e-05	-3.40e-06	0.0
195	16	3.18e-03	-2.35e-03	-0.03	-5.62e-05	-3.05e-06	0.0
195	21	1.49e-03	-5.97e-04	0.08	1.71e-05	-4.04e-04	0.0
195	22	1.31e-03	-3.42e-03	-0.04	-7.06e-05	4.69e-05	0.0
195	23	1.49e-03	-5.97e-04	0.08	1.71e-05	-4.04e-04	0.0
195	24	1.33e-03	-3.10e-03	-0.03	-6.08e-05	-3.23e-06	0.0
196	1	1.51e-03	-1.02e-03	0.13	2.00e-05	-4.54e-04	0.0
196	2	1.51e-03	-5.05e-03	-0.11	-1.28e-04	1.78e-04	0.0
196	4	1.16e-03	-4.81e-03	-0.14	-1.33e-04	2.83e-04	0.0
196	5	-8.73e-03	-5.94e-03	-0.03	-8.59e-05	2.43e-05	0.0
196	7	0.01	-1.03e-05	-0.05	-5.00e-05	-2.40e-05	0.0
196	8	0.01	1.80e-04	-0.05	-4.40e-05	-3.65e-05	0.0
196	13	-6.72e-04	-3.53e-03	-0.03	-6.76e-05	-9.12e-06	0.0
196	15	2.98e-03	-2.35e-03	-0.03	-6.03e-05	-1.32e-05	0.0
196	16	3.00e-03	-2.34e-03	-0.03	-5.99e-05	-1.51e-05	0.0
196	21	1.17e-03	-7.84e-04	0.10	1.54e-05	-3.49e-04	0.0
196	22	1.16e-03	-3.20e-03	-0.04	-7.37e-05	3.01e-05	0.0
196	23	1.17e-03	-7.84e-04	0.10	1.54e-05	-3.49e-04	0.0
196	24	1.16e-03	-2.93e-03	-0.03	-6.38e-05	-1.21e-05	0.0
197	2	1.38e-03	-4.74e-03	-0.12	-1.32e-04	1.31e-04	0.0
197	4	1.13e-03	-4.46e-03	-0.15	-1.37e-04	2.13e-04	0.0
197	5	-8.87e-03	-5.03e-03	-0.03	-8.49e-05	3.11e-05	0.0
197	7	0.01	-6.82e-04	-0.05	-5.84e-05	-4.69e-05	0.0
197	8	0.01	-4.66e-04	-0.05	-5.03e-05	-5.73e-05	0.0
197	13	-8.22e-04	-3.25e-03	-0.03	-6.93e-05	-9.94e-06	0.0
197	15	2.81e-03	-2.39e-03	-0.03	-6.39e-05	-1.85e-05	0.0
197	16	2.82e-03	-2.37e-03	-0.03	-6.32e-05	-2.01e-05	0.0
197	21	8.57e-04	-9.30e-04	0.11	1.41e-05	-2.76e-04	0.0
197	22	1.02e-03	-3.05e-03	-0.05	-7.63e-05	1.76e-05	0.0
197	23	8.57e-04	-9.30e-04	0.11	1.41e-05	-2.76e-04	0.0
197	24	1.00e-03	-2.81e-03	-0.03	-6.63e-05	-1.50e-05	0.0
198	1	7.31e-04	-1.35e-03	0.16	1.72e-05	-2.47e-04	0.0
198	2	1.25e-03	-4.54e-03	-0.12	-1.35e-04	8.34e-05	0.0
198	5	-9.04e-03	-4.22e-03	-0.04	-8.32e-05	3.87e-05	0.0
198	7	0.01	-1.36e-03	-0.05	-6.57e-05	-5.86e-05	0.0
198	8	0.01	-1.12e-03	-0.04	-5.60e-05	-6.60e-05	0.0
198	13	-9.71e-04	-3.03e-03	-0.03	-7.05e-05	-7.49e-06	0.0
198	15	2.64e-03	-2.47e-03	-0.03	-6.69e-05	-1.90e-05	0.0
198	16	2.65e-03	-2.45e-03	-0.03	-6.59e-05	-2.01e-05	0.0
198	21	5.63e-04	-1.03e-03	0.12	1.32e-05	-1.90e-04	0.0
198	22	8.75e-04	-2.95e-03	-0.05	-7.84e-05	8.23e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
198	23	5.63e-04	-1.03e-03	0.12	1.32e-05	-1.90e-04	0.0
198	24	8.40e-04	-2.74e-03	-0.03	-6.82e-05	-1.38e-05	0.0
199	1	3.62e-04	-1.43e-03	0.17	1.65e-05	-1.26e-04	0.0
199	2	1.12e-03	-4.45e-03	-0.13	-1.38e-04	3.70e-05	0.0
199	7	0.01	-2.05e-03	-0.04	-7.19e-05	-6.24e-05	0.0
199	8	0.01	-1.81e-03	-0.04	-6.13e-05	-6.62e-05	0.0
199	9	-2.36e-03	-3.59e-03	-0.04	-1.00e-04	1.58e-05	0.0
199	13	-1.12e-03	-2.86e-03	-0.03	-7.09e-05	-3.09e-06	0.0
199	16	2.49e-03	-2.56e-03	-0.03	-6.80e-05	-1.69e-05	0.0
199	19	1.22e-03	-2.70e-03	-0.03	-7.10e-05	-1.10e-05	0.0
199	21	2.79e-04	-1.10e-03	0.13	1.27e-05	-9.68e-05	0.0
199	22	7.34e-04	-2.91e-03	-0.05	-7.97e-05	0.0	0.0
199	23	2.79e-04	-1.10e-03	0.13	1.27e-05	-9.68e-05	0.0
199	24	6.84e-04	-2.71e-03	-0.03	-6.95e-05	-9.97e-06	0.0
200	1	0.0	-1.45e-03	0.17	1.63e-05	0.0	0.0
200	2	9.92e-04	-4.47e-03	-0.13	-1.39e-04	-8.92e-06	0.0
200	4	9.92e-04	-4.13e-03	-0.17	-1.42e-04	-8.92e-06	0.0
200	5	-9.42e-03	-2.78e-03	-0.04	-7.71e-05	5.10e-05	0.0
200	8	0.01	-2.53e-03	-0.04	-6.61e-05	-6.05e-05	0.0
200	11	3.51e-03	-3.40e-03	-0.04	-1.00e-04	-2.15e-05	0.0
200	16	2.33e-03	-2.71e-03	-0.03	-6.95e-05	-1.16e-05	0.0
200	19	1.07e-03	-2.76e-03	-0.03	-7.19e-05	-6.82e-06	0.0
200	21	0.0	-1.12e-03	0.13	1.25e-05	0.0	0.0
200	22	5.95e-04	-2.93e-03	-0.05	-8.04e-05	-5.35e-06	0.0
200	23	0.0	-1.12e-03	0.13	1.25e-05	0.0	0.0
200	24	5.29e-04	-2.72e-03	-0.03	-7.00e-05	-4.76e-06	0.0
201	1	-3.62e-04	-1.43e-03	0.17	1.65e-05	1.26e-04	0.0
201	2	8.66e-04	-4.59e-03	-0.12	-1.38e-04	-5.44e-05	0.0
201	4	9.49e-04	-4.26e-03	-0.16	-1.42e-04	-8.34e-05	0.0
201	5	-9.64e-03	-2.13e-03	-0.04	-7.24e-05	5.31e-05	0.0
201	7	0.01	-3.54e-03	-0.04	-8.11e-05	-5.50e-05	0.0
201	11	3.42e-03	-3.66e-03	-0.03	-1.00e-04	-2.50e-05	0.0
201	15	2.18e-03	-2.93e-03	-0.03	-7.13e-05	-6.18e-06	0.0
201	17	-1.58e-04	-2.78e-03	-0.03	-7.15e-05	1.73e-06	0.0
201	21	-2.79e-04	-1.10e-03	0.13	1.27e-05	9.68e-05	0.0
201	22	4.58e-04	-2.99e-03	-0.05	-8.02e-05	-1.13e-05	0.0
201	23	-2.79e-04	-1.10e-03	0.13	1.27e-05	9.68e-05	0.0
201	24	3.76e-04	-2.78e-03	-0.03	-6.99e-05	0.0	0.0
202	1	-7.31e-04	-1.35e-03	0.16	1.72e-05	2.47e-04	0.0
202	2	7.44e-04	-4.82e-03	-0.12	-1.37e-04	-9.93e-05	0.0
202	4	9.12e-04	-4.50e-03	-0.16	-1.41e-04	-1.56e-04	0.0
202	5	-9.89e-03	-1.51e-03	-0.04	-6.66e-05	5.01e-05	0.0
202	7	0.01	-4.36e-03	-0.04	-8.41e-05	-4.71e-05	0.0
202	13	-1.58e-03	-2.61e-03	-0.03	-6.78e-05	1.05e-05	0.0
202	15	2.04e-03	-3.18e-03	-0.03	-7.14e-05	-1.00e-06	0.0
202	21	-5.63e-04	-1.03e-03	0.12	1.32e-05	1.90e-04	0.0
202	22	3.22e-04	-3.12e-03	-0.05	-7.94e-05	-1.78e-05	0.0
202	23	-5.63e-04	-1.03e-03	0.12	1.32e-05	1.90e-04	0.0
202	24	2.24e-04	-2.89e-03	-0.03	-6.91e-05	5.33e-06	0.0
203	1	-1.11e-03	-1.21e-03	0.15	1.84e-05	3.59e-04	0.0
203	2	6.27e-04	-5.16e-03	-0.12	-1.35e-04	-1.44e-04	0.0
203	4	8.84e-04	-4.88e-03	-0.15	-1.39e-04	-2.27e-04	0.0
203	5	-0.01	-9.04e-04	-0.05	-5.97e-05	3.98e-05	0.0
203	6	-0.01	-6.88e-04	-0.05	-5.17e-05	5.02e-05	0.0
203	7	9.95e-03	-5.26e-03	-0.03	-8.63e-05	-3.82e-05	0.0
203	13	-1.74e-03	-2.61e-03	-0.03	-6.53e-05	1.15e-05	0.0
203	15	1.89e-03	-3.47e-03	-0.03	-7.07e-05	2.85e-06	0.0
203	21	-8.57e-04	-9.30e-04	0.11	1.41e-05	2.76e-04	0.0
203	22	1.88e-04	-3.30e-03	-0.04	-7.79e-05	-2.56e-05	0.0
203	23	-8.57e-04	-9.30e-04	0.11	1.41e-05	2.76e-04	0.0
203	24	7.20e-05	-3.04e-03	-0.03	-6.76e-05	7.93e-06	0.0
204	1	-1.51e-03	-1.02e-03	0.13	2.00e-05	4.54e-04	0.0
204	2	5.19e-04	-5.62e-03	-0.11	-1.32e-04	-1.87e-04	0.0
204	4	8.69e-04	-5.38e-03	-0.14	-1.37e-04	-2.92e-04	0.0
204	5	-0.01	-3.13e-04	-0.05	-5.18e-05	1.91e-05	0.0
204	6	-0.01	-1.22e-04	-0.05	-4.58e-05	3.16e-05	0.0
204	7	9.81e-03	-6.24e-03	-0.03	-8.78e-05	-2.92e-05	0.0
204	13	-1.90e-03	-2.66e-03	-0.03	-6.22e-05	8.29e-06	0.0
204	14	-1.92e-03	-2.64e-03	-0.03	-6.18e-05	1.02e-05	0.0
204	15	1.75e-03	-3.83e-03	-0.03	-6.95e-05	4.19e-06	0.0
204	21	-1.17e-03	-7.84e-04	0.10	1.54e-05	3.49e-04	0.0
204	22	5.51e-05	-3.54e-03	-0.04	-7.57e-05	-3.56e-05	0.0
204	23	-1.17e-03	-7.84e-04	0.10	1.54e-05	3.49e-04	0.0
204	24	-8.05e-05	-3.24e-03	-0.03	-6.56e-05	7.17e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
205	1	-1.94e-03	-7.76e-04	0.11	2.22e-05	5.25e-04	0.0
205	2	4.20e-04	-6.20e-03	-0.10	-1.28e-04	-2.30e-04	0.0
205	4	8.67e-04	-6.03e-03	-0.13	-1.33e-04	-3.51e-04	0.0
205	5	-0.01	2.79e-04	-0.05	-4.29e-05	-1.57e-05	0.0
205	6	-0.01	4.39e-04	-0.05	-3.95e-05	-2.27e-06	0.0
205	7	9.70e-03	-7.33e-03	-0.03	-8.88e-05	-2.12e-05	0.0
205	14	-2.08e-03	-2.74e-03	-0.03	-5.85e-05	1.25e-06	0.0
205	15	1.62e-03	-4.25e-03	-0.03	-6.79e-05	1.60e-06	0.0
205	21	-1.49e-03	-5.97e-04	0.08	1.71e-05	4.04e-04	0.0
205	22	-7.62e-05	-3.85e-03	-0.04	-7.32e-05	-4.89e-05	0.0
205	23	-1.49e-03	-5.97e-04	0.08	1.71e-05	4.04e-04	0.0
205	24	-2.33e-04	-3.49e-03	-0.03	-6.32e-05	1.43e-06	0.0
206	1	-2.39e-03	-4.78e-04	0.09	2.49e-05	5.62e-04	0.0
206	2	3.31e-04	-6.93e-03	-0.09	-1.24e-04	-2.70e-04	0.0
206	4	8.82e-04	-6.82e-03	-0.11	-1.30e-04	-3.99e-04	0.0
206	6	-0.01	1.01e-03	-0.05	-3.24e-05	-5.65e-05	0.0
206	7	9.60e-03	-8.55e-03	-0.03	-8.98e-05	-1.54e-05	0.0
206	14	-2.26e-03	-2.87e-03	-0.03	-5.49e-05	-1.60e-05	0.0
206	15	1.48e-03	-4.74e-03	-0.03	-6.60e-05	-6.65e-06	0.0
206	21	-1.84e-03	-3.68e-04	0.07	1.92e-05	4.32e-04	0.0
206	22	-2.06e-04	-4.24e-03	-0.04	-7.04e-05	-6.68e-05	0.0
206	23	-1.84e-03	-3.68e-04	0.07	1.92e-05	4.32e-04	0.0
206	24	-3.87e-04	-3.81e-03	-0.03	-6.05e-05	-1.13e-05	0.0
207	1	-2.86e-03	-1.26e-04	0.06	2.80e-05	5.50e-04	0.0
207	2	2.52e-04	-7.81e-03	-0.08	-1.21e-04	-3.06e-04	0.0
207	4	9.13e-04	-7.78e-03	-0.09	-1.27e-04	-4.33e-04	0.0
207	6	-0.01	1.60e-03	-0.04	-2.47e-05	-1.37e-04	0.0
207	7	9.53e-03	-9.92e-03	-0.03	-9.12e-05	-1.31e-05	0.0
207	14	-2.44e-03	-3.06e-03	-0.03	-5.12e-05	-4.45e-05	0.0
207	15	1.35e-03	-5.32e-03	-0.03	-6.42e-05	-2.27e-05	0.0
207	21	-2.20e-03	-9.68e-05	0.05	2.16e-05	4.23e-04	0.0
207	22	-3.33e-04	-4.71e-03	-0.04	-6.76e-05	-9.07e-05	0.0
207	23	-2.20e-03	-9.68e-05	0.05	2.16e-05	4.23e-04	0.0
207	24	-5.40e-04	-4.19e-03	-0.03	-5.77e-05	-3.36e-05	0.0
208	1	-3.35e-03	2.79e-04	0.04	3.13e-05	4.72e-04	0.0
208	4	9.57e-04	-8.91e-03	-0.07	-1.25e-04	-4.46e-04	0.0
208	6	-0.01	2.22e-03	-0.04	-1.63e-05	-2.51e-04	0.0
208	7	9.47e-03	-0.01	-0.03	-9.34e-05	-1.63e-05	0.0
208	14	-2.62e-03	-3.31e-03	-0.02	-4.76e-05	-8.77e-05	0.0
208	16	1.20e-03	-6.00e-03	-0.02	-6.40e-05	-4.84e-05	0.0
208	20	-1.63e-04	-5.06e-03	-0.02	-5.96e-05	-6.10e-05	0.0
208	21	-2.58e-03	2.15e-04	0.03	2.41e-05	3.63e-04	0.0
208	22	-4.58e-04	-5.26e-03	-0.03	-6.51e-05	-1.23e-04	0.0
208	23	-2.58e-03	2.15e-04	0.03	2.41e-05	3.63e-04	0.0
208	24	-6.94e-04	-4.65e-03	-0.02	-5.52e-05	-6.86e-05	0.0
209	1	-3.86e-03	7.34e-04	0.02	3.42e-05	3.08e-04	0.0
209	4	1.01e-03	-0.01	-0.05	-1.23e-04	-4.32e-04	0.0
209	6	-0.01	2.90e-03	-0.02	-6.86e-06	-4.08e-04	0.0
209	7	9.44e-03	-0.01	-0.03	-9.75e-05	-2.74e-05	0.0
209	8	9.24e-03	-0.01	-0.03	-1.03e-04	-2.67e-05	0.0
209	14	-2.80e-03	-3.61e-03	-0.02	-4.42e-05	-1.50e-04	0.0
209	16	1.08e-03	-6.78e-03	-0.02	-6.36e-05	-9.00e-05	0.0
209	21	-2.97e-03	5.65e-04	0.02	2.63e-05	2.37e-04	0.0
209	22	-5.82e-04	-5.91e-03	-0.03	-6.32e-05	-1.65e-04	0.0
209	23	-2.97e-03	5.65e-04	0.02	2.63e-05	2.37e-04	0.0
209	24	-8.47e-04	-5.19e-03	-0.02	-5.32e-05	-1.20e-04	0.0
210	1	-4.36e-03	1.24e-03	0.01	3.56e-05	3.11e-05	1.49e-06
210	4	1.06e-03	-0.01	-0.04	-1.22e-04	-3.80e-04	-6.75e-06
210	6	-0.01	3.64e-03	-7.49e-06	-1.90e-06	-6.15e-04	3.49e-05
210	7	9.42e-03	-0.02	-0.03	-1.00e-04	-4.88e-05	-4.00e-05
210	8	9.22e-03	-0.02	-0.03	-1.07e-04	-5.60e-05	-3.90e-05
210	14	-2.99e-03	-3.97e-03	-0.01	-4.27e-05	-2.35e-04	4.04e-06
210	16	9.59e-04	-7.67e-03	-0.02	-6.36e-05	-1.49e-04	-1.00e-05
210	21	-3.35e-03	9.50e-04	0.01	2.73e-05	2.39e-05	1.15e-06
210	22	-7.06e-04	-6.66e-03	-0.02	-6.24e-05	-2.18e-04	-3.59e-06
210	23	-3.35e-03	9.50e-04	0.01	2.73e-05	2.39e-05	1.15e-06
210	24	-1.00e-03	-5.82e-03	-0.01	-5.24e-05	-1.92e-04	-3.07e-06
211	1	3.90e-03	5.56e-04	0.02	2.73e-05	-3.02e-04	0.0
211	4	1.17e-03	-9.17e-03	-0.06	-1.06e-04	4.80e-04	0.0
211	5	-9.68e-03	-0.01	-0.03	-9.50e-05	4.98e-05	0.0
211	6	-9.47e-03	-0.01	-0.03	-1.01e-04	4.78e-05	0.0
211	8	0.02	3.89e-03	-0.02	9.13e-06	4.41e-04	0.0
211	14	-1.72e-04	-6.39e-03	-0.02	-5.82e-05	1.17e-04	0.0
211	16	4.25e-03	-3.00e-03	-0.02	-3.64e-05	1.79e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
211	21	3.00e-03	4.27e-04	0.02	2.10e-05	-2.32e-04	0.0
211	22	1.90e-03	-5.33e-03	-0.03	-5.50e-05	1.95e-04	0.0
211	23	3.00e-03	4.27e-04	0.02	2.10e-05	-2.32e-04	0.0
211	24	2.02e-03	-4.69e-03	-0.02	-4.65e-05	1.48e-04	0.0
212	1	4.39e-03	9.81e-04	0.02	3.23e-05	-2.98e-05	0.0
212	4	1.17e-03	-0.01	-0.04	-1.10e-04	4.53e-04	4.92e-06
212	5	-9.63e-03	-0.02	-0.03	-9.80e-05	8.18e-05	3.95e-05
212	6	-9.41e-03	-0.02	-0.03	-1.05e-04	8.93e-05	3.86e-05
212	8	0.02	4.75e-03	1.84e-03	9.28e-06	6.58e-04	-3.01e-05
212	14	-2.28e-05	-7.18e-03	-0.02	-5.91e-05	1.87e-04	9.66e-06
212	16	4.46e-03	-3.24e-03	-0.01	-3.64e-05	2.75e-04	-3.84e-06
212	21	3.38e-03	7.55e-04	0.01	2.48e-05	-2.29e-05	0.0
212	22	2.06e-03	-5.95e-03	-0.02	-5.59e-05	2.62e-04	3.26e-06
212	23	3.38e-03	7.55e-04	0.01	2.48e-05	-2.29e-05	0.0
212	24	2.20e-03	-5.21e-03	-0.01	-4.70e-05	2.31e-04	2.98e-06
213	1	3.40e-03	1.47e-04	0.04	1.52e-05	-4.63e-04	0.0
213	4	1.18e-03	-8.07e-03	-0.08	-9.81e-05	4.76e-04	0.0
213	5	-9.75e-03	-0.01	-0.03	-9.03e-05	3.03e-05	0.0
213	8	0.01	3.10e-03	-0.04	7.11e-06	2.75e-04	0.0
213	14	-3.20e-04	-5.70e-03	-0.03	-5.74e-05	6.59e-05	0.0
213	16	4.04e-03	-2.81e-03	-0.03	-3.76e-05	1.08e-04	0.0
213	21	2.62e-03	1.13e-04	0.03	1.17e-05	-3.57e-04	0.0
213	22	1.75e-03	-4.80e-03	-0.03	-5.42e-05	1.43e-04	0.0
213	23	2.62e-03	1.13e-04	0.03	1.17e-05	-3.57e-04	0.0
213	24	1.85e-03	-4.25e-03	-0.03	-4.68e-05	8.74e-05	0.0
214	1	2.91e-03	-2.34e-04	0.06	0.0	-5.40e-04	0.0
214	2	1.85e-03	-7.18e-03	-0.08	-9.21e-05	3.24e-04	0.0
214	4	1.18e-03	-7.12e-03	-0.10	-9.20e-05	4.48e-04	0.0
214	5	-9.82e-03	-0.01	-0.03	-8.81e-05	2.04e-05	0.0
214	8	0.01	2.35e-03	-0.04	1.99e-06	1.53e-04	0.0
214	13	-4.94e-04	-5.10e-03	-0.03	-5.76e-05	3.35e-05	0.0
214	16	3.84e-03	-2.67e-03	-0.03	-4.08e-05	5.71e-05	0.0
214	20	2.36e-03	-3.52e-03	-0.03	-4.79e-05	4.58e-05	0.0
214	21	2.24e-03	-1.80e-04	0.05	0.0	-4.15e-04	0.0
214	22	1.60e-03	-4.35e-03	-0.04	-5.53e-05	1.03e-04	0.0
214	23	2.24e-03	-1.80e-04	0.05	0.0	-4.15e-04	0.0
214	24	1.67e-03	-3.88e-03	-0.03	-4.92e-05	4.53e-05	0.0
215	1	2.44e-03	-5.80e-04	0.09	-1.74e-05	-5.52e-04	0.0
215	2	1.75e-03	-6.46e-03	-0.10	-9.10e-05	2.77e-04	0.0
215	4	1.19e-03	-6.33e-03	-0.12	-8.70e-05	4.04e-04	0.0
215	5	-9.91e-03	-8.70e-03	-0.04	-8.69e-05	1.73e-05	0.0
215	8	0.01	1.64e-03	-0.05	-5.07e-06	6.68e-05	0.0
215	13	-6.38e-04	-4.59e-03	-0.03	-6.01e-05	1.18e-05	0.0
215	16	3.65e-03	-2.57e-03	-0.03	-4.51e-05	2.30e-05	0.0
215	21	1.87e-03	-4.46e-04	0.07	-1.34e-05	-4.25e-04	0.0
215	22	1.46e-03	-3.97e-03	-0.04	-5.75e-05	7.27e-05	0.0
215	23	1.87e-03	-4.46e-04	0.07	-1.34e-05	-4.25e-04	0.0
215	24	1.51e-03	-3.58e-03	-0.03	-5.26e-05	1.74e-05	0.0
216	1	1.98e-03	-8.83e-04	0.11	-3.41e-05	-5.16e-04	0.0
216	2	1.64e-03	-5.88e-03	-0.11	-9.09e-05	2.29e-04	0.0
216	4	1.19e-03	-5.68e-03	-0.13	-8.30e-05	3.48e-04	0.0
216	5	-0.01	-7.49e-03	-0.04	-8.60e-05	1.87e-05	0.0
216	7	0.01	7.51e-04	-0.05	-1.74e-05	2.45e-05	0.0
216	8	0.01	9.39e-04	-0.05	-1.33e-05	8.30e-06	0.0
216	13	-7.80e-04	-4.17e-03	-0.03	-6.30e-05	0.0	0.0
216	16	3.47e-03	-2.52e-03	-0.03	-5.00e-05	1.37e-06	0.0
216	21	1.53e-03	-6.79e-04	0.08	-2.62e-05	-3.97e-04	0.0
216	22	1.32e-03	-3.68e-03	-0.05	-6.03e-05	5.00e-05	0.0
216	23	1.53e-03	-6.79e-04	0.08	-2.62e-05	-3.97e-04	0.0
216	24	1.34e-03	-3.34e-03	-0.03	-5.65e-05	0.0	0.0
217	1	1.55e-03	-1.14e-03	0.13	-4.92e-05	-4.46e-04	0.0
217	2	1.54e-03	-5.43e-03	-0.12	-9.15e-05	1.81e-04	0.0
217	4	1.18e-03	-5.16e-03	-0.15	-8.01e-05	2.84e-04	0.0
217	5	-0.01	-6.42e-03	-0.04	-8.47e-05	2.32e-05	0.0
217	7	0.01	2.23e-05	-0.05	-2.89e-05	-1.40e-05	0.0
217	8	0.01	2.47e-04	-0.05	-2.23e-05	-2.88e-05	0.0
217	13	-9.21e-04	-3.81e-03	-0.03	-6.58e-05	-6.85e-06	0.0
217	15	3.28e-03	-2.54e-03	-0.03	-5.54e-05	-8.76e-06	0.0
217	16	3.30e-03	-2.52e-03	-0.03	-5.49e-05	-1.10e-05	0.0
217	21	1.20e-03	-8.75e-04	0.10	-3.78e-05	-3.43e-04	0.0
217	22	1.19e-03	-3.45e-03	-0.05	-6.32e-05	3.29e-05	0.0
217	23	1.20e-03	-8.75e-04	0.10	-3.78e-05	-3.43e-04	0.0
217	24	1.19e-03	-3.16e-03	-0.03	-6.04e-05	-8.91e-06	0.0
218	2	1.43e-03	-5.10e-03	-0.12	-9.24e-05	1.33e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
218	4	1.17e-03	-4.79e-03	-0.16	-7.81e-05	2.14e-04	0.0
218	5	-0.01	-5.45e-03	-0.04	-8.26e-05	2.92e-05	0.0
218	7	0.01	-7.07e-04	-0.05	-4.02e-05	-3.76e-05	0.0
218	8	0.01	-4.51e-04	-0.05	-3.14e-05	-4.99e-05	0.0
218	13	-1.06e-03	-3.52e-03	-0.03	-6.82e-05	-8.24e-06	0.0
218	15	3.12e-03	-2.58e-03	-0.03	-6.03e-05	-1.47e-05	0.0
218	16	3.13e-03	-2.56e-03	-0.03	-5.95e-05	-1.65e-05	0.0
218	21	8.80e-04	-1.03e-03	0.11	-4.75e-05	-2.71e-04	0.0
218	22	1.05e-03	-3.29e-03	-0.05	-6.59e-05	2.00e-05	0.0
218	23	8.80e-04	-1.03e-03	0.11	-4.75e-05	-2.71e-04	0.0
218	24	1.03e-03	-3.04e-03	-0.03	-6.38e-05	-1.24e-05	0.0
219	2	1.33e-03	-4.89e-03	-0.13	-9.34e-05	8.52e-05	0.0
219	4	1.16e-03	-4.55e-03	-0.16	-7.70e-05	1.41e-04	0.0
219	5	-0.01	-4.56e-03	-0.04	-7.93e-05	3.57e-05	0.0
219	7	0.01	-1.45e-03	-0.05	-5.09e-05	-5.03e-05	0.0
219	8	0.01	-1.17e-03	-0.05	-4.03e-05	-5.90e-05	0.0
219	13	-1.20e-03	-3.28e-03	-0.03	-6.98e-05	-6.52e-06	0.0
219	15	2.96e-03	-2.66e-03	-0.03	-6.45e-05	-1.59e-05	0.0
219	16	2.97e-03	-2.64e-03	-0.03	-6.35e-05	-1.72e-05	0.0
219	21	5.79e-04	-1.14e-03	0.12	-5.48e-05	-1.87e-04	0.0
219	22	9.25e-04	-3.19e-03	-0.05	-6.81e-05	1.00e-05	0.0
219	23	5.79e-04	-1.14e-03	0.12	-5.48e-05	-1.87e-04	0.0
219	24	8.87e-04	-2.96e-03	-0.03	-6.66e-05	-1.18e-05	0.0
220	2	1.23e-03	-4.79e-03	-0.13	-9.45e-05	3.82e-05	0.0
220	4	1.14e-03	-4.43e-03	-0.17	-7.67e-05	6.68e-05	0.0
220	7	0.01	-2.21e-03	-0.05	-6.04e-05	-5.52e-05	0.0
220	8	0.01	-1.91e-03	-0.04	-4.89e-05	-5.97e-05	0.0
220	9	-2.73e-03	-3.94e-03	-0.04	-1.00e-04	1.69e-05	0.0
220	13	-1.33e-03	-3.09e-03	-0.03	-7.05e-05	-2.96e-06	0.0
220	16	2.82e-03	-2.76e-03	-0.03	-6.66e-05	-1.47e-05	0.0
220	19	1.36e-03	-2.93e-03	-0.03	-7.01e-05	-9.34e-06	0.0
220	21	2.87e-04	-1.21e-03	0.13	-5.93e-05	-9.52e-05	0.0
220	22	8.00e-04	-3.14e-03	-0.05	-6.97e-05	1.99e-06	0.0
220	23	2.87e-04	-1.21e-03	0.13	-5.93e-05	-9.52e-05	0.0
220	24	7.43e-04	-2.93e-03	-0.03	-6.86e-05	-8.81e-06	0.0
221	1	0.0	-1.61e-03	0.17	-7.90e-05	0.0	0.0
221	2	1.13e-03	-4.81e-03	-0.13	-9.53e-05	-8.33e-06	0.0
221	4	1.13e-03	-4.44e-03	-0.17	-7.71e-05	-8.33e-06	0.0
221	7	0.01	-3.00e-03	-0.04	-6.87e-05	-5.46e-05	0.0
221	8	0.01	-2.70e-03	-0.04	-5.68e-05	-5.46e-05	0.0
221	11	4.01e-03	-3.74e-03	-0.04	-9.97e-05	-1.95e-05	0.0
221	16	2.68e-03	-2.93e-03	-0.03	-6.89e-05	-1.02e-05	0.0
221	19	1.22e-03	-2.99e-03	-0.03	-7.15e-05	-6.17e-06	0.0
221	21	0.0	-1.24e-03	0.13	-6.08e-05	0.0	0.0
221	22	6.77e-04	-3.16e-03	-0.05	-7.06e-05	-5.00e-06	0.0
221	23	0.0	-1.24e-03	0.13	-6.08e-05	0.0	0.0
221	24	6.01e-04	-2.95e-03	-0.03	-6.95e-05	-4.44e-06	0.0
222	1	-3.73e-04	-1.58e-03	0.17	-7.70e-05	1.24e-04	0.0
222	2	1.03e-03	-4.94e-03	-0.13	-9.60e-05	-5.44e-05	0.0
222	4	1.12e-03	-4.58e-03	-0.17	-7.83e-05	-8.29e-05	0.0
222	5	-0.01	-2.28e-03	-0.05	-6.13e-05	4.66e-05	0.0
222	7	0.01	-3.83e-03	-0.04	-7.56e-05	-5.02e-05	0.0
222	11	3.93e-03	-4.02e-03	-0.04	-1.01e-04	-2.55e-05	0.0
222	15	2.54e-03	-3.17e-03	-0.03	-7.13e-05	-5.67e-06	0.0
222	17	-1.54e-04	-3.01e-03	-0.03	-7.09e-05	0.0	0.0
222	21	-2.87e-04	-1.21e-03	0.13	-5.93e-05	9.52e-05	0.0
222	22	5.55e-04	-3.23e-03	-0.05	-7.07e-05	-1.17e-05	0.0
222	23	-2.87e-04	-1.21e-03	0.13	-5.93e-05	9.52e-05	0.0
222	24	4.62e-04	-3.01e-03	-0.03	-6.94e-05	0.0	0.0
223	2	9.37e-04	-5.19e-03	-0.13	-9.66e-05	-1.00e-04	0.0
223	4	1.11e-03	-4.85e-03	-0.16	-8.01e-05	-1.56e-04	0.0
223	5	-0.01	-1.61e-03	-0.05	-5.25e-05	4.24e-05	0.0
223	7	0.01	-4.72e-03	-0.04	-8.10e-05	-4.36e-05	0.0
223	13	-1.75e-03	-2.82e-03	-0.03	-6.62e-05	8.02e-06	0.0
223	15	2.41e-03	-3.44e-03	-0.03	-7.15e-05	-1.35e-06	0.0
223	21	-5.79e-04	-1.14e-03	0.12	-5.48e-05	1.87e-04	0.0
223	22	4.35e-04	-3.36e-03	-0.05	-7.00e-05	-1.89e-05	0.0
223	23	-5.79e-04	-1.14e-03	0.12	-5.48e-05	1.87e-04	0.0
223	24	3.22e-04	-3.12e-03	-0.03	-6.83e-05	3.99e-06	0.0
224	1	-1.14e-03	-1.34e-03	0.15	-6.18e-05	3.53e-04	0.0
224	2	8.48e-04	-5.55e-03	-0.12	-9.70e-05	-1.45e-04	0.0
224	4	1.11e-03	-5.24e-03	-0.16	-8.28e-05	-2.26e-04	0.0
224	5	-0.01	-9.49e-04	-0.05	-4.27e-05	3.11e-05	0.0
224	6	-0.01	-6.93e-04	-0.05	-3.39e-05	4.34e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
224	7	0.01	-5.69e-03	-0.04	-8.51e-05	-3.57e-05	0.0
224	13	-1.90e-03	-2.82e-03	-0.03	-6.28e-05	8.18e-06	0.0
224	15	2.28e-03	-3.76e-03	-0.03	-7.07e-05	1.76e-06	0.0
224	21	-8.80e-04	-1.03e-03	0.11	-4.75e-05	2.71e-04	0.0
224	22	3.15e-04	-3.56e-03	-0.05	-6.87e-05	-2.73e-05	0.0
224	23	-8.80e-04	-1.03e-03	0.11	-4.75e-05	2.71e-04	0.0
224	24	1.82e-04	-3.28e-03	-0.03	-6.63e-05	5.89e-06	0.0
225	1	-1.55e-03	-1.14e-03	0.13	-4.92e-05	4.46e-04	0.0
225	2	7.64e-04	-6.05e-03	-0.11	-9.75e-05	-1.89e-04	0.0
225	4	1.12e-03	-5.78e-03	-0.14	-8.62e-05	-2.92e-04	0.0
225	5	-0.01	-3.07e-04	-0.05	-3.22e-05	9.62e-06	0.0
225	6	-0.01	-8.23e-05	-0.05	-2.55e-05	2.45e-05	0.0
225	7	0.01	-6.75e-03	-0.04	-8.79e-05	-2.75e-05	0.0
225	13	-2.05e-03	-2.86e-03	-0.03	-5.86e-05	4.42e-06	0.0
225	15	2.15e-03	-4.14e-03	-0.03	-6.91e-05	2.52e-06	0.0
225	21	-1.20e-03	-8.75e-04	0.10	-3.78e-05	3.43e-04	0.0
225	22	1.95e-04	-3.82e-03	-0.05	-6.68e-05	-3.78e-05	0.0
225	23	-1.20e-03	-8.75e-04	0.10	-3.78e-05	3.43e-04	0.0
225	24	4.07e-05	-3.49e-03	-0.03	-6.36e-05	4.58e-06	0.0
226	1	-1.98e-03	-8.83e-04	0.11	-3.41e-05	5.16e-04	0.0
226	2	6.85e-04	-6.67e-03	-0.11	-9.83e-05	-2.31e-04	0.0
226	4	1.14e-03	-6.47e-03	-0.13	-9.04e-05	-3.50e-04	0.0
226	5	-0.01	3.30e-04	-0.05	-2.13e-05	-2.57e-05	0.0
226	6	-0.01	5.17e-04	-0.05	-1.73e-05	-9.51e-06	0.0
226	7	0.01	-7.91e-03	-0.03	-8.99e-05	-2.00e-05	0.0
226	14	-2.23e-03	-2.94e-03	-0.03	-5.40e-05	-2.58e-06	0.0
226	15	2.02e-03	-4.59e-03	-0.03	-6.70e-05	0.0	0.0
226	21	-1.53e-03	-6.79e-04	0.08	-2.62e-05	3.97e-04	0.0
226	22	7.52e-05	-4.15e-03	-0.04	-6.47e-05	-5.13e-05	0.0
226	23	-1.53e-03	-6.79e-04	0.08	-2.62e-05	3.97e-04	0.0
226	24	-1.03e-04	-3.77e-03	-0.03	-6.05e-05	-1.49e-06	0.0
227	1	-2.44e-03	-5.80e-04	0.09	-1.74e-05	5.52e-04	0.0
227	2	6.12e-04	-7.43e-03	-0.09	-9.96e-05	-2.71e-04	0.0
227	4	1.17e-03	-7.30e-03	-0.11	-9.56e-05	-3.98e-04	0.0
227	6	-0.01	1.12e-03	-0.05	-9.67e-06	-6.36e-05	0.0
227	7	0.01	-9.22e-03	-0.03	-9.15e-05	-1.41e-05	0.0
227	14	-2.39e-03	-3.09e-03	-0.03	-4.97e-05	-1.99e-05	0.0
227	15	1.90e-03	-5.11e-03	-0.03	-6.47e-05	-8.67e-06	0.0
227	21	-1.87e-03	-4.46e-04	0.07	-1.34e-05	4.25e-04	0.0
227	22	-4.52e-05	-4.56e-03	-0.04	-6.27e-05	-6.91e-05	0.0
227	23	-1.87e-03	-4.46e-04	0.07	-1.34e-05	4.25e-04	0.0
227	24	-2.48e-04	-4.10e-03	-0.03	-5.72e-05	-1.43e-05	0.0
228	1	-2.91e-03	-2.34e-04	0.06	0.0	5.40e-04	0.0
228	2	5.44e-04	-8.35e-03	-0.08	-1.02e-04	-3.07e-04	0.0
228	4	1.22e-03	-8.30e-03	-0.10	-1.02e-04	-4.31e-04	0.0
228	6	-0.01	1.72e-03	-0.04	-3.17e-06	-1.44e-04	0.0
228	7	0.01	-0.01	-0.03	-9.33e-05	-1.13e-05	0.0
228	14	-2.56e-03	-3.29e-03	-0.03	-4.59e-05	-4.80e-05	0.0
228	15	1.77e-03	-5.73e-03	-0.03	-6.28e-05	-2.44e-05	0.0
228	18	-1.09e-03	-4.14e-03	-0.03	-5.31e-05	-3.67e-05	0.0
228	21	-2.24e-03	-1.80e-04	0.05	0.0	4.15e-04	0.0
228	22	-1.66e-04	-5.05e-03	-0.04	-6.11e-05	-9.26e-05	0.0
228	23	-2.24e-03	-1.80e-04	0.05	0.0	4.15e-04	0.0
228	24	-3.96e-04	-4.51e-03	-0.03	-5.43e-05	-3.62e-05	0.0
229	1	-3.40e-03	1.47e-04	0.04	1.52e-05	4.63e-04	0.0
229	4	1.26e-03	-9.46e-03	-0.08	-1.09e-04	-4.44e-04	0.0
229	6	-0.01	2.36e-03	-0.04	1.50e-06	-2.57e-04	0.0
229	7	0.01	-0.01	-0.03	-9.60e-05	-1.32e-05	0.0
229	14	-2.74e-03	-3.55e-03	-0.03	-4.32e-05	-9.04e-05	0.0
229	16	1.62e-03	-6.44e-03	-0.03	-6.30e-05	-4.88e-05	0.0
229	21	-2.62e-03	1.13e-04	0.03	1.17e-05	3.57e-04	0.0
229	22	-2.88e-04	-5.63e-03	-0.03	-6.05e-05	-1.24e-04	0.0
229	23	-2.62e-03	1.13e-04	0.03	1.17e-05	3.57e-04	0.0
229	24	-5.46e-04	-5.00e-03	-0.03	-5.25e-05	-7.03e-05	0.0
230	1	-3.90e-03	5.56e-04	0.02	2.73e-05	3.02e-04	0.0
230	4	1.32e-03	-0.01	-0.06	-1.17e-04	-4.29e-04	0.0
230	6	-0.01	3.02e-03	-0.02	3.21e-06	-4.13e-04	0.0
230	7	0.01	-0.01	-0.03	-1.01e-04	-2.23e-05	0.0
230	8	0.01	-0.01	-0.03	-1.07e-04	-2.03e-05	0.0
230	14	-2.92e-03	-3.87e-03	-0.02	-4.23e-05	-1.51e-04	0.0
230	16	1.50e-03	-7.26e-03	-0.02	-6.41e-05	-8.91e-05	0.0
230	21	-3.00e-03	4.27e-04	0.02	2.10e-05	2.32e-04	0.0
230	22	-4.10e-04	-6.31e-03	-0.03	-6.16e-05	-1.64e-04	0.0
230	23	-3.00e-03	4.27e-04	0.02	2.10e-05	2.32e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
230	24	-6.98e-04	-5.56e-03	-0.02	-5.25e-05	-1.20e-04	0.0
231	1	-4.39e-03	9.81e-04	0.02	3.23e-05	2.98e-05	0.0
231	4	1.36e-03	-0.01	-0.04	-1.21e-04	-3.76e-04	-1.12e-05
231	6	-0.01	3.74e-03	8.83e-05	3.24e-06	-6.17e-04	2.67e-05
231	7	0.01	-0.02	-0.03	-1.04e-04	-4.10e-05	-4.28e-05
231	8	0.01	-0.02	-0.03	-1.11e-04	-4.85e-05	-4.19e-05
231	14	-3.11e-03	-4.26e-03	-0.01	-4.24e-05	-2.35e-04	0.0
231	16	1.37e-03	-8.20e-03	-0.02	-6.52e-05	-1.46e-04	-1.30e-05
231	21	-3.38e-03	7.55e-04	0.01	2.48e-05	2.29e-05	0.0
231	22	-5.36e-04	-7.09e-03	-0.02	-6.27e-05	-2.17e-04	-7.04e-06
231	23	-3.38e-03	7.55e-04	0.01	2.48e-05	2.29e-05	0.0
231	24	-8.52e-04	-6.22e-03	-0.02	-5.30e-05	-1.90e-04	-6.34e-06
232	1	3.87e-03	3.65e-04	0.02	2.04e-05	-2.89e-04	0.0
232	4	1.10e-03	-9.59e-03	-0.06	-9.77e-05	4.68e-04	0.0
232	5	-0.01	-0.01	-0.04	-9.71e-05	4.37e-05	0.0
232	6	-0.01	-0.01	-0.04	-1.04e-04	4.03e-05	0.0
232	8	0.02	4.03e-03	-0.02	1.97e-05	4.37e-04	0.0
232	14	-4.92e-04	-6.78e-03	-0.03	-5.76e-05	1.14e-04	0.0
232	16	4.48e-03	-3.20e-03	-0.02	-3.35e-05	1.77e-04	0.0
232	21	2.98e-03	2.81e-04	0.02	1.57e-05	-2.22e-04	0.0
232	22	1.85e-03	-5.64e-03	-0.03	-5.23e-05	1.92e-04	0.0
232	23	2.98e-03	2.81e-04	0.02	1.57e-05	-2.22e-04	0.0
232	24	1.98e-03	-4.98e-03	-0.02	-4.48e-05	1.46e-04	0.0
233	1	4.36e-03	7.19e-04	0.02	2.90e-05	-2.74e-05	3.32e-06
233	4	1.10e-03	-0.01	-0.04	-1.07e-04	4.39e-04	1.03e-05
233	6	-0.01	-0.02	-0.04	-1.09e-04	7.94e-05	4.18e-05
233	8	0.02	4.86e-03	2.21e-03	1.48e-05	6.47e-04	-2.15e-05
233	14	-3.45e-04	-7.61e-03	-0.02	-5.99e-05	1.81e-04	1.31e-05
233	16	4.68e-03	-3.46e-03	-0.01	-3.54e-05	2.70e-04	0.0
233	21	3.35e-03	5.53e-04	0.01	2.23e-05	-2.11e-05	2.56e-06
233	22	2.00e-03	-6.29e-03	-0.02	-5.54e-05	2.55e-04	7.18e-06
233	23	3.35e-03	5.53e-04	0.01	2.23e-05	-2.11e-05	2.56e-06
233	24	2.15e-03	-5.53e-03	-0.02	-4.68e-05	2.25e-04	6.66e-06
234	1	3.39e-03	0.0	0.04	0.0	-4.44e-04	0.0
234	2	1.89e-03	-8.47e-03	-0.07	-8.00e-05	3.62e-04	0.0
234	4	1.11e-03	-8.47e-03	-0.08	-7.99e-05	4.64e-04	0.0
234	5	-0.01	-0.01	-0.04	-9.13e-05	2.70e-05	0.0
234	6	-0.01	-0.01	-0.04	-9.61e-05	1.56e-05	0.0
234	8	0.02	3.25e-03	-0.04	2.56e-05	2.76e-04	0.0
234	14	-6.37e-04	-6.06e-03	-0.03	-5.49e-05	6.58e-05	0.0
234	16	4.28e-03	-2.99e-03	-0.03	-3.19e-05	1.09e-04	0.0
234	21	2.60e-03	0.0	0.03	0.0	-3.42e-04	0.0
234	22	1.71e-03	-5.08e-03	-0.04	-4.81e-05	1.42e-04	0.0
234	23	2.60e-03	0.0	0.03	0.0	-3.42e-04	0.0
234	24	1.81e-03	-4.52e-03	-0.03	-4.28e-05	8.83e-05	0.0
235	1	2.90e-03	-3.61e-04	0.06	-2.78e-05	-5.17e-04	0.0
235	2	1.79e-03	-7.59e-03	-0.09	-7.08e-05	3.19e-04	0.0
235	4	1.12e-03	-7.50e-03	-0.10	-6.44e-05	4.38e-04	0.0
235	5	-0.01	-0.01	-0.04	-8.86e-05	1.87e-05	0.0
235	8	0.02	2.50e-03	-0.04	2.43e-05	1.58e-04	0.0
235	13	-8.06e-04	-5.43e-03	-0.03	-5.45e-05	3.55e-05	0.0
235	16	4.09e-03	-2.84e-03	-0.03	-3.41e-05	6.08e-05	0.0
235	18	9.58e-04	-4.52e-03	-0.03	-4.90e-05	4.00e-05	0.0
235	21	2.23e-03	-2.78e-04	0.05	-2.14e-05	-3.98e-04	0.0
235	22	1.57e-03	-4.61e-03	-0.04	-4.72e-05	1.04e-04	0.0
235	23	2.23e-03	-2.78e-04	0.05	-2.14e-05	-3.98e-04	0.0
235	24	1.64e-03	-4.13e-03	-0.03	-4.43e-05	4.82e-05	0.0
236	1	2.44e-03	-7.02e-04	0.09	-5.81e-05	-5.28e-04	0.0
236	2	1.71e-03	-6.84e-03	-0.10	-6.40e-05	2.74e-04	0.0
236	4	1.14e-03	-6.68e-03	-0.12	-5.06e-05	3.96e-04	0.0
236	5	-0.01	-9.27e-03	-0.04	-8.70e-05	1.62e-05	0.0
236	8	0.02	1.77e-03	-0.05	1.84e-05	7.44e-05	0.0
236	13	-9.41e-04	-4.90e-03	-0.03	-5.72e-05	1.48e-05	0.0
236	16	3.91e-03	-2.74e-03	-0.03	-3.85e-05	2.79e-05	0.0
236	20	2.25e-03	-3.48e-03	-0.03	-4.57e-05	1.91e-05	0.0
236	21	1.87e-03	-5.40e-04	0.07	-4.47e-05	-4.06e-04	0.0
236	22	1.44e-03	-4.22e-03	-0.05	-4.82e-05	7.48e-05	0.0
236	23	1.87e-03	-5.40e-04	0.07	-4.47e-05	-4.06e-04	0.0
236	24	1.48e-03	-3.82e-03	-0.03	-4.78e-05	2.14e-05	0.0
237	1	1.99e-03	-1.01e-03	0.11	-8.81e-05	-4.94e-04	0.0
237	2	1.62e-03	-6.24e-03	-0.11	-5.92e-05	2.27e-04	0.0
237	4	1.16e-03	-6.01e-03	-0.14	-3.88e-05	3.41e-04	0.0
237	5	-0.01	-8.00e-03	-0.04	-8.55e-05	1.75e-05	0.0
237	7	0.01	8.24e-04	-0.05	5.25e-06	3.66e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
237	8	0.01	1.04e-03	-0.05	9.46e-06	1.76e-05	0.0
237	13	-1.07e-03	-4.45e-03	-0.03	-6.06e-05	2.42e-06	0.0
237	16	3.74e-03	-2.69e-03	-0.03	-4.41e-05	6.76e-06	0.0
237	21	1.53e-03	-7.78e-04	0.08	-6.78e-05	-3.80e-04	0.0
237	22	1.31e-03	-3.91e-03	-0.05	-5.04e-05	5.27e-05	0.0
237	23	1.53e-03	-7.78e-04	0.08	-6.78e-05	-3.80e-04	0.0
237	24	1.33e-03	-3.57e-03	-0.03	-5.24e-05	4.59e-06	0.0
238	1	1.56e-03	-1.28e-03	0.13	-1.16e-04	-4.27e-04	0.0
238	2	1.54e-03	-5.77e-03	-0.12	-5.59e-05	1.80e-04	0.0
238	4	1.18e-03	-5.47e-03	-0.15	-2.93e-05	2.78e-04	0.0
238	5	-0.01	-6.86e-03	-0.04	-8.35e-05	2.11e-05	0.0
238	7	0.01	4.66e-05	-0.05	-8.33e-06	-1.35e-06	0.0
238	8	0.01	3.09e-04	-0.05	-1.44e-06	-1.87e-05	0.0
238	13	-1.20e-03	-4.07e-03	-0.03	-6.40e-05	-3.91e-06	0.0
238	15	3.56e-03	-2.71e-03	-0.03	-5.05e-05	-3.06e-06	0.0
238	16	3.58e-03	-2.68e-03	-0.03	-5.01e-05	-5.64e-06	0.0
238	21	1.20e-03	-9.82e-04	0.10	-8.89e-05	-3.28e-04	0.0
238	22	1.19e-03	-3.68e-03	-0.05	-5.31e-05	3.57e-05	0.0
238	23	1.20e-03	-9.82e-04	0.10	-8.89e-05	-3.28e-04	0.0
238	24	1.19e-03	-3.38e-03	-0.03	-5.71e-05	-4.77e-06	0.0
239	2	1.47e-03	-5.43e-03	-0.13	-5.40e-05	1.33e-04	0.0
239	4	1.20e-03	-5.08e-03	-0.16	-2.20e-05	2.10e-04	0.0
239	5	-0.01	-5.83e-03	-0.04	-8.02e-05	2.60e-05	0.0
239	7	0.01	-7.36e-04	-0.05	-2.24e-05	-2.52e-05	0.0
239	8	0.01	-4.36e-04	-0.05	-1.33e-05	-3.94e-05	0.0
239	13	-1.32e-03	-3.76e-03	-0.03	-6.70e-05	-5.97e-06	0.0
239	15	3.42e-03	-2.76e-03	-0.03	-5.67e-05	-9.51e-06	0.0
239	16	3.43e-03	-2.73e-03	-0.03	-5.59e-05	-1.16e-05	0.0
239	21	8.87e-04	-1.15e-03	0.11	-1.07e-04	-2.59e-04	0.0
239	22	1.08e-03	-3.51e-03	-0.05	-5.58e-05	2.25e-05	0.0
239	23	8.87e-04	-1.15e-03	0.11	-1.07e-04	-2.59e-04	0.0
239	24	1.05e-03	-3.25e-03	-0.03	-6.15e-05	-8.80e-06	0.0
240	2	1.40e-03	-5.21e-03	-0.13	-5.31e-05	8.56e-05	0.0
240	4	1.22e-03	-4.83e-03	-0.17	-1.71e-05	1.39e-04	0.0
240	5	-0.01	-4.89e-03	-0.04	-7.54e-05	3.10e-05	0.0
240	7	0.01	-1.53e-03	-0.05	-3.62e-05	-3.87e-05	0.0
240	8	0.01	-1.20e-03	-0.05	-2.55e-05	-4.88e-05	0.0
240	13	-1.44e-03	-3.51e-03	-0.03	-6.90e-05	-5.20e-06	0.0
240	16	3.29e-03	-2.82e-03	-0.03	-6.11e-05	-1.31e-05	0.0
240	19	1.62e-03	-3.12e-03	-0.03	-6.56e-05	-7.62e-06	0.0
240	21	5.84e-04	-1.27e-03	0.12	-1.20e-04	-1.79e-04	0.0
240	22	9.66e-04	-3.40e-03	-0.05	-5.82e-05	1.20e-05	0.0
240	23	5.84e-04	-1.27e-03	0.12	-1.20e-04	-1.79e-04	0.0
240	24	9.24e-04	-3.17e-03	-0.03	-6.51e-05	-9.14e-06	0.0
241	2	1.33e-03	-5.11e-03	-0.13	-5.31e-05	3.89e-05	0.0
241	4	1.24e-03	-4.71e-03	-0.17	-1.47e-05	6.62e-05	0.0
241	7	0.01	-2.35e-03	-0.05	-4.90e-05	-4.48e-05	0.0
241	8	0.01	-2.01e-03	-0.04	-3.73e-05	-5.00e-05	0.0
241	9	-3.11e-03	-4.30e-03	-0.04	-9.82e-05	1.77e-05	0.0
241	13	-1.56e-03	-3.32e-03	-0.03	-6.99e-05	-2.76e-06	0.0
241	16	3.16e-03	-2.96e-03	-0.03	-6.53e-05	-1.15e-05	0.0
241	19	1.50e-03	-3.14e-03	-0.03	-6.89e-05	-7.06e-06	0.0
241	21	2.90e-04	-1.34e-03	0.13	-1.28e-04	-9.10e-05	0.0
241	22	8.61e-04	-3.36e-03	-0.05	-6.00e-05	3.33e-06	0.0
241	23	2.90e-04	-1.34e-03	0.13	-1.28e-04	-9.10e-05	0.0
241	24	7.98e-04	-3.14e-03	-0.03	-6.76e-05	-7.15e-06	0.0
242	2	1.27e-03	-5.13e-03	-0.13	-5.39e-05	-7.36e-06	0.0
242	4	1.27e-03	-4.72e-03	-0.17	-1.46e-05	-7.36e-06	0.0
242	7	0.01	-3.21e-03	-0.05	-6.03e-05	-4.56e-05	0.0
242	8	0.01	-2.85e-03	-0.04	-4.83e-05	-4.56e-05	0.0
242	11	4.52e-03	-4.08e-03	-0.04	-9.74e-05	-1.64e-05	0.0
242	16	3.03e-03	-3.14e-03	-0.03	-6.83e-05	-8.18e-06	0.0
242	19	1.38e-03	-3.21e-03	-0.03	-7.08e-05	-5.20e-06	0.0
242	21	0.0	-1.37e-03	0.13	-1.31e-04	0.0	0.0
242	22	7.59e-04	-3.38e-03	-0.05	-6.11e-05	-4.42e-06	0.0
242	23	0.0	-1.37e-03	0.13	-1.31e-04	0.0	0.0
242	24	6.75e-04	-3.16e-03	-0.03	-6.89e-05	-3.93e-06	0.0
243	2	1.20e-03	-5.27e-03	-0.13	-5.54e-05	-5.32e-05	0.0
243	4	1.29e-03	-4.87e-03	-0.17	-1.70e-05	-8.05e-05	0.0
243	5	-0.01	-2.44e-03	-0.05	-5.02e-05	3.72e-05	0.0
243	7	0.01	-4.10e-03	-0.04	-7.00e-05	-4.29e-05	0.0
243	11	4.46e-03	-4.38e-03	-0.04	-9.95e-05	-2.53e-05	0.0
243	15	2.91e-03	-3.40e-03	-0.03	-7.11e-05	-4.85e-06	0.0
243	17	-1.46e-04	-3.23e-03	-0.03	-7.02e-05	0.0	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
243	21	-2.90e-04	-1.34e-03	0.13	-1.28e-04	9.10e-05	0.0
243	22	6.59e-04	-3.46e-03	-0.05	-6.14e-05	-1.19e-05	0.0
243	23	-2.90e-04	-1.34e-03	0.13	-1.28e-04	9.10e-05	0.0
243	24	5.53e-04	-3.22e-03	-0.03	-6.88e-05	0.0	0.0
244	2	1.15e-03	-5.53e-03	-0.13	-5.77e-05	-9.85e-05	0.0
244	4	1.32e-03	-5.15e-03	-0.17	-2.17e-05	-1.52e-04	0.0
244	5	-0.01	-1.71e-03	-0.05	-3.86e-05	3.19e-05	0.0
244	7	0.01	-5.06e-03	-0.04	-7.78e-05	-3.79e-05	0.0
244	15	2.80e-03	-3.68e-03	-0.03	-7.15e-05	-1.68e-06	0.0
244	17	-2.62e-04	-3.29e-03	-0.03	-6.81e-05	0.0	0.0
244	21	-5.84e-04	-1.27e-03	0.12	-1.20e-04	1.79e-04	0.0
244	22	5.59e-04	-3.60e-03	-0.05	-6.10e-05	-1.98e-05	0.0
244	23	-5.84e-04	-1.27e-03	0.12	-1.20e-04	1.79e-04	0.0
244	24	4.32e-04	-3.34e-03	-0.03	-6.75e-05	2.27e-06	0.0
245	2	1.09e-03	-5.92e-03	-0.12	-6.07e-05	-1.43e-04	0.0
245	4	1.35e-03	-5.57e-03	-0.16	-2.87e-05	-2.21e-04	0.0
245	5	-0.01	-9.98e-04	-0.05	-2.60e-05	1.97e-05	0.0
245	7	0.01	-6.09e-03	-0.04	-8.38e-05	-3.15e-05	0.0
245	13	-2.05e-03	-3.02e-03	-0.03	-6.03e-05	3.96e-06	0.0
245	15	2.69e-03	-4.02e-03	-0.03	-7.06e-05	0.0	0.0
245	21	-8.87e-04	-1.15e-03	0.11	-1.07e-04	2.59e-04	0.0
245	22	4.58e-04	-3.80e-03	-0.05	-5.99e-05	-2.88e-05	0.0
245	23	-8.87e-04	-1.15e-03	0.11	-1.07e-04	2.59e-04	0.0
245	24	3.09e-04	-3.51e-03	-0.03	-6.50e-05	3.25e-06	0.0
246	1	-1.56e-03	-1.28e-03	0.13	-1.16e-04	4.27e-04	0.0
246	2	1.03e-03	-6.43e-03	-0.12	-6.46e-05	-1.86e-04	0.0
246	4	1.39e-03	-6.14e-03	-0.15	-3.79e-05	-2.85e-04	0.0
246	5	-0.01	-3.08e-04	-0.05	-1.30e-05	-2.13e-06	0.0
246	6	-0.01	-4.46e-05	-0.05	-6.07e-06	1.52e-05	0.0
246	7	0.01	-7.22e-03	-0.04	-8.81e-05	-2.46e-05	0.0
246	13	-2.19e-03	-3.06e-03	-0.03	-5.52e-05	0.0	0.0
246	15	2.57e-03	-4.42e-03	-0.03	-6.87e-05	0.0	0.0
246	21	-1.20e-03	-9.82e-04	0.10	-8.89e-05	3.28e-04	0.0
246	22	3.56e-04	-4.08e-03	-0.05	-5.83e-05	-3.96e-05	0.0
246	23	-1.20e-03	-9.82e-04	0.10	-8.89e-05	3.28e-04	0.0
246	24	1.83e-04	-3.73e-03	-0.03	-6.17e-05	1.29e-06	0.0
247	1	-1.99e-03	-1.01e-03	0.11	-8.81e-05	4.94e-04	0.0
247	2	9.81e-04	-7.09e-03	-0.11	-6.96e-05	-2.28e-04	0.0
247	4	1.44e-03	-6.85e-03	-0.13	-4.92e-05	-3.42e-04	0.0
247	5	-0.01	3.72e-04	-0.05	0.0	-3.71e-05	0.0
247	6	-0.01	5.89e-04	-0.05	3.93e-06	-1.81e-05	0.0
247	7	0.01	-8.45e-03	-0.04	-9.11e-05	-1.80e-05	0.0
247	14	-2.35e-03	-3.14e-03	-0.03	-4.97e-05	-7.23e-06	0.0
247	15	2.46e-03	-4.90e-03	-0.03	-6.61e-05	-2.89e-06	0.0
247	21	-1.53e-03	-7.78e-04	0.08	-6.78e-05	3.80e-04	0.0
247	22	2.52e-04	-4.42e-03	-0.05	-5.66e-05	-5.32e-05	0.0
247	23	-1.53e-03	-7.78e-04	0.08	-6.78e-05	3.80e-04	0.0
247	24	5.38e-05	-4.02e-03	-0.03	-5.79e-05	-5.06e-06	0.0
248	1	-2.44e-03	-7.02e-04	0.09	-5.81e-05	5.28e-04	0.0
248	2	9.28e-04	-7.88e-03	-0.10	-7.58e-05	-2.67e-04	0.0
248	4	1.49e-03	-7.72e-03	-0.12	-6.24e-05	-3.89e-04	0.0
248	6	-0.01	1.21e-03	-0.05	1.22e-05	-7.07e-05	0.0
248	7	0.01	-9.82e-03	-0.04	-9.32e-05	-1.24e-05	0.0
248	14	-2.51e-03	-3.29e-03	-0.03	-4.48e-05	-2.42e-05	0.0
248	15	2.35e-03	-5.45e-03	-0.03	-6.34e-05	-1.10e-05	0.0
248	18	-8.46e-04	-4.03e-03	-0.03	-5.20e-05	-1.53e-05	0.0
248	21	-1.87e-03	-5.40e-04	0.07	-4.47e-05	4.06e-04	0.0
248	22	1.44e-04	-4.85e-03	-0.04	-5.53e-05	-7.06e-05	0.0
248	23	-1.87e-03	-5.40e-04	0.07	-4.47e-05	4.06e-04	0.0
248	24	-8.00e-05	-4.37e-03	-0.03	-5.41e-05	-1.76e-05	0.0
249	1	-2.90e-03	-3.61e-04	0.06	-2.78e-05	5.17e-04	0.0
249	2	8.75e-04	-8.84e-03	-0.09	-8.35e-05	-3.01e-04	0.0
249	4	1.55e-03	-8.75e-03	-0.10	-7.71e-05	-4.21e-04	0.0
249	6	-0.01	1.84e-03	-0.04	1.75e-05	-1.48e-04	0.0
249	7	0.01	-0.01	-0.04	-9.53e-05	-9.16e-06	0.0
249	14	-2.67e-03	-3.50e-03	-0.03	-4.09e-05	-5.13e-05	0.0
249	15	2.23e-03	-6.09e-03	-0.03	-6.13e-05	-2.60e-05	0.0
249	20	4.65e-04	-5.18e-03	-0.03	-5.58e-05	-3.04e-05	0.0
249	21	-2.23e-03	-2.78e-04	0.05	-2.14e-05	3.98e-04	0.0
249	22	3.35e-05	-5.36e-03	-0.04	-5.48e-05	-9.32e-05	0.0
249	23	-2.23e-03	-2.78e-04	0.05	-2.14e-05	3.98e-04	0.0
249	24	-2.18e-04	-4.80e-03	-0.03	-5.11e-05	-3.86e-05	0.0
250	1	-3.39e-03	0.0	0.04	0.0	4.44e-04	0.0
250	2	8.20e-04	-9.95e-03	-0.07	-9.31e-05	-3.30e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
250	4	1.60e-03	-9.95e-03	-0.08	-9.30e-05	-4.32e-04	0.0
250	6	-0.01	2.47e-03	-0.03	1.86e-05	-2.58e-04	0.0
250	7	0.01	-0.01	-0.04	-9.83e-05	-9.70e-06	0.0
250	8	0.01	-0.01	-0.04	-1.03e-04	1.72e-06	0.0
250	14	-2.84e-03	-3.78e-03	-0.03	-3.89e-05	-9.18e-05	0.0
250	16	2.08e-03	-6.84e-03	-0.03	-6.19e-05	-4.85e-05	0.0
250	21	-2.60e-03	0.0	0.03	0.0	3.42e-04	0.0
250	22	-8.11e-05	-5.97e-03	-0.04	-5.59e-05	-1.23e-04	0.0
250	23	-2.60e-03	0.0	0.03	0.0	3.42e-04	0.0
250	24	-3.61e-04	-5.31e-03	-0.03	-4.97e-05	-7.10e-05	0.0
251	1	-3.87e-03	3.65e-04	0.02	2.04e-05	2.89e-04	0.0
251	4	1.65e-03	-0.01	-0.06	-1.10e-04	-4.16e-04	0.0
251	6	-0.02	3.12e-03	-0.02	1.29e-05	-4.09e-04	0.0
251	7	0.01	-0.01	-0.04	-1.04e-04	-1.63e-05	0.0
251	8	0.01	-0.01	-0.04	-1.11e-04	-1.28e-05	0.0
251	14	-3.01e-03	-4.12e-03	-0.02	-4.03e-05	-1.50e-04	0.0
251	16	1.96e-03	-7.70e-03	-0.03	-6.44e-05	-8.63e-05	0.0
251	21	-2.98e-03	2.81e-04	0.02	1.57e-05	2.22e-04	0.0
251	22	-2.00e-04	-6.67e-03	-0.03	-6.00e-05	-1.61e-04	0.0
251	23	-2.98e-03	2.81e-04	0.02	1.57e-05	2.22e-04	0.0
251	24	-5.09e-04	-5.90e-03	-0.02	-5.16e-05	-1.18e-04	0.0
252	1	-4.36e-03	7.19e-04	0.02	2.90e-05	2.74e-05	-3.32e-06
252	4	1.69e-03	-0.01	-0.05	-1.20e-04	-3.64e-04	-1.57e-05
252	6	-0.02	3.80e-03	1.96e-04	8.19e-06	-6.07e-04	1.86e-05
252	8	0.01	-0.02	-0.04	-1.15e-04	-3.91e-05	-4.47e-05
252	14	-3.19e-03	-4.52e-03	-0.02	-4.20e-05	-2.29e-04	-3.03e-06
252	16	1.84e-03	-8.67e-03	-0.02	-6.64e-05	-1.40e-04	-1.59e-05
252	21	-3.35e-03	5.53e-04	0.01	2.23e-05	2.11e-05	-2.56e-06
252	22	-3.24e-04	-7.48e-03	-0.02	-6.28e-05	-2.10e-04	-1.04e-05
252	23	-3.35e-03	5.53e-04	0.01	2.23e-05	2.11e-05	-2.56e-06
252	24	-6.60e-04	-6.59e-03	-0.02	-5.34e-05	-1.84e-04	-9.55e-06
253	1	3.79e-03	1.72e-04	0.03	1.38e-05	-2.70e-04	0.0
253	4	9.88e-04	-9.95e-03	-0.07	-8.98e-05	4.46e-04	0.0
253	5	-0.01	-0.01	-0.04	-9.90e-05	3.64e-05	0.0
253	6	-0.01	-0.01	-0.04	-1.06e-04	3.12e-05	0.0
253	8	0.02	4.15e-03	-0.02	2.97e-05	4.24e-04	0.0
253	14	-8.61e-04	-7.13e-03	-0.03	-5.69e-05	1.09e-04	0.0
253	16	4.67e-03	-3.38e-03	-0.02	-3.07e-05	1.73e-04	0.0
253	21	2.92e-03	1.32e-04	0.02	1.06e-05	-2.07e-04	0.0
253	22	1.76e-03	-5.92e-03	-0.03	-4.96e-05	1.85e-04	0.0
253	23	2.92e-03	1.32e-04	0.02	1.06e-05	-2.07e-04	0.0
253	24	1.89e-03	-5.25e-03	-0.03	-4.30e-05	1.41e-04	0.0
254	1	4.26e-03	4.61e-04	0.02	2.57e-05	-2.40e-05	5.56e-06
254	4	9.90e-04	-0.01	-0.05	-1.04e-04	4.17e-04	1.56e-05
254	6	-0.01	-0.02	-0.04	-1.12e-04	6.69e-05	4.49e-05
254	8	0.02	4.93e-03	2.59e-03	2.00e-05	6.22e-04	-1.30e-05
254	14	-7.19e-04	-8.00e-03	-0.02	-6.03e-05	1.70e-04	1.64e-05
254	16	4.87e-03	-3.66e-03	-0.01	-3.44e-05	2.58e-04	4.09e-06
254	21	3.28e-03	3.55e-04	0.01	1.98e-05	-1.85e-05	4.27e-06
254	22	1.90e-03	-6.59e-03	-0.02	-5.47e-05	2.43e-04	1.10e-05
254	23	3.28e-03	3.55e-04	0.01	1.98e-05	-1.85e-05	4.27e-06
254	24	2.06e-03	-5.82e-03	-0.02	-4.64e-05	2.14e-04	1.03e-05
255	1	3.32e-03	-1.57e-04	0.04	-1.55e-05	-4.14e-04	0.0
255	2	1.77e-03	-8.86e-03	-0.08	-6.59e-05	3.48e-04	0.0
255	4	1.00e-03	-8.82e-03	-0.09	-6.23e-05	4.44e-04	0.0
255	5	-0.01	-0.01	-0.04	-9.22e-05	2.31e-05	0.0
255	6	-0.01	-0.01	-0.04	-9.73e-05	9.00e-06	0.0
255	8	0.02	3.38e-03	-0.03	4.31e-05	2.72e-04	0.0
255	14	-9.99e-04	-6.38e-03	-0.03	-5.26e-05	6.47e-05	0.0
255	16	4.48e-03	-3.15e-03	-0.03	-2.65e-05	1.09e-04	0.0
255	21	2.55e-03	-1.21e-04	0.03	-1.19e-05	-3.19e-04	0.0
255	22	1.62e-03	-5.34e-03	-0.04	-4.22e-05	1.39e-04	0.0
255	23	2.55e-03	-1.21e-04	0.03	-1.19e-05	-3.19e-04	0.0
255	24	1.73e-03	-4.76e-03	-0.03	-3.88e-05	8.80e-05	0.0
256	1	2.85e-03	-5.02e-04	0.06	-5.41e-05	-4.82e-04	0.0
256	2	1.69e-03	-7.95e-03	-0.09	-5.05e-05	3.08e-04	0.0
256	4	1.03e-03	-7.83e-03	-0.10	-3.80e-05	4.20e-04	0.0
256	5	-0.01	-0.01	-0.04	-8.90e-05	1.67e-05	0.0
256	6	-0.01	-0.01	-0.04	-9.12e-05	-2.83e-06	0.0
256	8	0.02	2.63e-03	-0.04	4.52e-05	1.61e-04	0.0
256	13	-1.16e-03	-5.72e-03	-0.03	-5.16e-05	3.75e-05	0.0
256	14	-1.13e-03	-5.72e-03	-0.03	-5.26e-05	3.46e-05	0.0
256	16	4.31e-03	-2.99e-03	-0.03	-2.78e-05	6.42e-05	0.0
256	21	2.20e-03	-3.86e-04	0.05	-4.16e-05	-3.71e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
256	22	1.50e-03	-4.85e-03	-0.04	-3.95e-05	1.04e-04	0.0
256	23	2.20e-03	-3.86e-04	0.05	-4.16e-05	-3.71e-04	0.0
256	24	1.57e-03	-4.36e-03	-0.03	-3.97e-05	5.08e-05	0.0
257	1	2.40e-03	-8.43e-04	0.08	-9.69e-05	-4.92e-04	0.0
257	2	1.62e-03	-7.18e-03	-0.10	-3.83e-05	2.66e-04	0.0
257	4	1.07e-03	-6.99e-03	-0.12	-1.59e-05	3.79e-04	0.0
257	5	-0.01	-9.79e-03	-0.04	-8.70e-05	1.47e-05	0.0
257	8	0.02	1.89e-03	-0.05	4.05e-05	8.20e-05	0.0
257	13	-1.28e-03	-5.17e-03	-0.04	-5.43e-05	1.81e-05	0.0
257	16	4.14e-03	-2.89e-03	-0.04	-3.22e-05	3.33e-05	0.0
257	18	6.64e-04	-4.35e-03	-0.04	-4.75e-05	1.75e-05	0.0
257	21	1.85e-03	-6.48e-04	0.06	-7.45e-05	-3.78e-04	0.0
257	22	1.38e-03	-4.45e-03	-0.05	-3.94e-05	7.62e-05	0.0
257	23	1.85e-03	-6.48e-04	0.06	-7.45e-05	-3.78e-04	0.0
257	24	1.43e-03	-4.03e-03	-0.04	-4.33e-05	2.57e-05	0.0
258	1	1.97e-03	-1.16e-03	0.10	-1.39e-04	-4.59e-04	0.0
258	2	1.57e-03	-6.56e-03	-0.11	-2.89e-05	2.21e-04	0.0
258	4	1.11e-03	-6.29e-03	-0.14	3.24e-06	3.27e-04	0.0
258	5	-0.01	-8.47e-03	-0.04	-8.50e-05	1.56e-05	0.0
258	7	0.02	8.82e-04	-0.05	2.70e-05	5.01e-05	0.0
258	8	0.02	1.13e-03	-0.05	3.08e-05	2.83e-05	0.0
258	13	-1.40e-03	-4.70e-03	-0.04	-5.82e-05	6.20e-06	0.0
258	16	3.99e-03	-2.84e-03	-0.04	-3.84e-05	1.31e-05	0.0
258	20	2.14e-03	-3.46e-03	-0.04	-4.55e-05	5.75e-06	0.0
258	21	1.51e-03	-8.93e-04	0.08	-1.07e-04	-3.53e-04	0.0
258	22	1.27e-03	-4.13e-03	-0.05	-4.09e-05	5.50e-05	0.0
258	23	1.51e-03	-8.93e-04	0.08	-1.07e-04	-3.53e-04	0.0
258	24	1.30e-03	-3.77e-03	-0.04	-4.83e-05	9.63e-06	0.0
259	1	1.55e-03	-1.44e-03	0.12	-1.78e-04	-3.97e-04	0.0
259	2	1.52e-03	-6.07e-03	-0.12	-2.20e-05	1.76e-04	0.0
259	4	1.16e-03	-5.74e-03	-0.15	1.91e-05	2.67e-04	0.0
259	5	-0.01	-7.28e-03	-0.04	-8.21e-05	1.81e-05	0.0
259	7	0.02	5.98e-05	-0.05	1.16e-05	1.36e-05	0.0
259	8	0.02	3.65e-04	-0.05	1.79e-05	-6.07e-06	0.0
259	13	-1.50e-03	-4.31e-03	-0.04	-6.21e-05	0.0	0.0
259	15	3.83e-03	-2.87e-03	-0.04	-4.57e-05	3.74e-06	0.0
259	16	3.85e-03	-2.84e-03	-0.04	-4.54e-05	0.0	0.0
259	21	1.19e-03	-1.11e-03	0.09	-1.37e-04	-3.05e-04	0.0
259	22	1.17e-03	-3.89e-03	-0.05	-4.34e-05	3.84e-05	0.0
259	23	1.19e-03	-1.11e-03	0.09	-1.37e-04	-3.05e-04	0.0
259	24	1.17e-03	-3.58e-03	-0.04	-5.38e-05	0.0	0.0
260	2	1.48e-03	-5.72e-03	-0.13	-1.73e-05	1.30e-04	0.0
260	4	1.22e-03	-5.33e-03	-0.16	3.14e-05	2.02e-04	0.0
260	5	-0.01	-6.19e-03	-0.04	-7.76e-05	2.14e-05	0.0
260	7	0.02	-7.74e-04	-0.05	-4.96e-06	-9.99e-06	0.0
260	8	0.02	-4.24e-04	-0.05	3.38e-06	-2.60e-05	0.0
260	13	-1.61e-03	-3.99e-03	-0.04	-6.55e-05	-3.23e-06	0.0
260	16	3.72e-03	-2.89e-03	-0.04	-5.23e-05	-5.60e-06	0.0
260	19	1.83e-03	-3.34e-03	-0.04	-5.80e-05	0.0	0.0
260	21	8.80e-04	-1.28e-03	0.10	-1.62e-04	-2.41e-04	0.0
260	22	1.08e-03	-3.71e-03	-0.05	-4.60e-05	2.51e-05	0.0
260	23	8.80e-04	-1.28e-03	0.10	-1.62e-04	-2.41e-04	0.0
260	24	1.06e-03	-3.44e-03	-0.04	-5.89e-05	-4.42e-06	0.0
261	2	1.45e-03	-5.49e-03	-0.13	-1.45e-05	8.45e-05	0.0
261	4	1.28e-03	-5.07e-03	-0.17	3.98e-05	1.34e-04	0.0
261	5	-0.01	-5.20e-03	-0.05	-7.11e-05	2.45e-05	0.0
261	7	0.02	-1.62e-03	-0.05	-2.16e-05	-2.41e-05	0.0
261	8	0.02	-1.24e-03	-0.05	-1.18e-05	-3.53e-05	0.0
261	13	-1.70e-03	-3.73e-03	-0.04	-6.79e-05	-3.60e-06	0.0
261	16	3.61e-03	-2.99e-03	-0.04	-5.85e-05	-7.94e-06	0.0
261	19	1.73e-03	-3.32e-03	-0.04	-6.32e-05	-3.38e-06	0.0
261	21	5.81e-04	-1.42e-03	0.11	-1.81e-04	-1.66e-04	0.0
261	22	9.97e-04	-3.61e-03	-0.05	-4.85e-05	1.42e-05	0.0
261	23	5.81e-04	-1.42e-03	0.11	-1.81e-04	-1.66e-04	0.0
261	24	9.51e-04	-3.36e-03	-0.04	-6.32e-05	-5.77e-06	0.0
262	2	1.42e-03	-5.40e-03	-0.13	-1.35e-05	3.90e-05	0.0
262	4	1.34e-03	-4.95e-03	-0.17	4.42e-05	6.43e-05	0.0
262	7	0.02	-2.50e-03	-0.05	-3.74e-05	-3.14e-05	0.0
262	8	0.02	-2.10e-03	-0.05	-2.67e-05	-3.72e-05	0.0
262	9	-3.51e-03	-4.65e-03	-0.05	-9.34e-05	1.81e-05	0.0
262	13	-1.80e-03	-3.53e-03	-0.04	-6.89e-05	-2.53e-06	0.0
262	16	3.50e-03	-3.14e-03	-0.04	-6.36e-05	-7.55e-06	0.0
262	19	1.63e-03	-3.35e-03	-0.04	-6.72e-05	-4.22e-06	0.0
262	21	2.88e-04	-1.50e-03	0.12	-1.93e-04	-8.43e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
262	22	9.18e-04	-3.57e-03	-0.05	-5.05e-05	4.87e-06	0.0
262	23	2.88e-04	-1.50e-03	0.12	-1.93e-04	-8.43e-05	0.0
262	24	8.48e-04	-3.34e-03	-0.04	-6.63e-05	-5.04e-06	0.0
263	2	1.40e-03	-5.42e-03	-0.14	-1.42e-05	-6.04e-06	0.0
263	4	1.40e-03	-4.96e-03	-0.17	4.47e-05	-6.04e-06	0.0
263	8	0.02	-3.00e-03	-0.04	-4.07e-05	-3.39e-05	0.0
263	11	5.04e-03	-4.43e-03	-0.05	-9.20e-05	-1.24e-05	0.0
263	16	3.39e-03	-3.34e-03	-0.04	-6.74e-05	-5.54e-06	0.0
263	19	1.54e-03	-3.42e-03	-0.04	-6.95e-05	-3.92e-06	0.0
263	21	0.0	-1.52e-03	0.12	-1.97e-04	0.0	0.0
263	22	8.42e-04	-3.59e-03	-0.05	-5.18e-05	-3.63e-06	0.0
263	23	0.0	-1.52e-03	0.12	-1.97e-04	0.0	0.0
263	24	7.49e-04	-3.36e-03	-0.04	-6.79e-05	-3.22e-06	0.0
264	2	1.39e-03	-5.57e-03	-0.13	-1.66e-05	-5.07e-05	0.0
264	4	1.47e-03	-5.12e-03	-0.17	4.12e-05	-7.60e-05	0.0
264	5	-0.01	-2.59e-03	-0.05	-3.90e-05	2.51e-05	0.0
264	7	0.01	-4.37e-03	-0.05	-6.41e-05	-3.31e-05	0.0
264	11	5.00e-03	-4.75e-03	-0.05	-9.50e-05	-2.44e-05	0.0
264	15	3.30e-03	-3.62e-03	-0.04	-7.05e-05	-3.69e-06	0.0
264	17	-1.35e-04	-3.44e-03	-0.04	-6.88e-05	-2.00e-06	0.0
264	21	-2.88e-04	-1.50e-03	0.12	-1.93e-04	8.43e-05	0.0
264	22	7.68e-04	-3.67e-03	-0.05	-5.23e-05	-1.19e-05	0.0
264	23	-2.88e-04	-1.50e-03	0.12	-1.93e-04	8.43e-05	0.0
264	24	6.51e-04	-3.43e-03	-0.04	-6.79e-05	-1.19e-06	0.0
265	2	1.37e-03	-5.84e-03	-0.13	-2.05e-05	-9.49e-05	0.0
265	4	1.54e-03	-5.41e-03	-0.17	3.38e-05	-1.45e-04	0.0
265	5	-0.01	-1.81e-03	-0.05	-2.48e-05	1.85e-05	0.0
265	7	0.01	-5.38e-03	-0.05	-7.43e-05	-3.01e-05	0.0
265	15	3.21e-03	-3.92e-03	-0.04	-7.11e-05	-1.95e-06	0.0
265	17	-2.28e-04	-3.50e-03	-0.04	-6.64e-05	-2.17e-06	0.0
265	21	-5.81e-04	-1.42e-03	0.11	-1.81e-04	1.66e-04	0.0
265	22	6.94e-04	-3.82e-03	-0.05	-5.21e-05	-2.05e-05	0.0
265	23	-5.81e-04	-1.42e-03	0.11	-1.81e-04	1.66e-04	0.0
265	24	5.52e-04	-3.55e-03	-0.04	-6.64e-05	0.0	0.0
266	2	1.35e-03	-6.24e-03	-0.13	-2.60e-05	-1.38e-04	0.0
266	4	1.62e-03	-5.86e-03	-0.16	2.27e-05	-2.10e-04	0.0
266	5	-0.01	-1.05e-03	-0.05	-9.59e-06	5.67e-06	0.0
266	7	0.01	-6.47e-03	-0.04	-8.22e-05	-2.57e-05	0.0
266	15	3.12e-03	-4.27e-03	-0.04	-7.02e-05	-1.09e-06	0.0
266	17	-3.24e-04	-3.62e-03	-0.04	-6.26e-05	-3.87e-06	0.0
266	21	-8.80e-04	-1.28e-03	0.10	-1.62e-04	2.41e-04	0.0
266	22	6.18e-04	-4.03e-03	-0.05	-5.12e-05	-3.00e-05	0.0
266	23	-8.80e-04	-1.28e-03	0.10	-1.62e-04	2.41e-04	0.0
266	24	4.51e-04	-3.72e-03	-0.04	-6.36e-05	0.0	0.0
267	2	1.33e-03	-6.78e-03	-0.12	-3.31e-05	-1.80e-04	0.0
267	4	1.69e-03	-6.45e-03	-0.15	7.97e-06	-2.72e-04	0.0
267	5	-0.01	-3.17e-04	-0.05	5.71e-06	-1.60e-05	0.0
267	7	0.01	-7.65e-03	-0.04	-8.80e-05	-2.05e-05	0.0
267	13	-2.31e-03	-3.24e-03	-0.04	-5.16e-05	-6.14e-06	0.0
267	15	3.02e-03	-4.69e-03	-0.03	-6.81e-05	-2.02e-06	0.0
267	21	-1.19e-03	-1.11e-03	0.09	-1.37e-04	3.05e-04	0.0
267	22	5.38e-04	-4.31e-03	-0.05	-5.00e-05	-4.11e-05	0.0
267	23	-1.19e-03	-1.11e-03	0.09	-1.37e-04	3.05e-04	0.0
267	24	3.46e-04	-3.95e-03	-0.04	-5.97e-05	-2.62e-06	0.0
268	1	-1.97e-03	-1.16e-03	0.10	-1.39e-04	4.59e-04	0.0
268	2	1.31e-03	-7.45e-03	-0.11	-4.21e-05	-2.20e-04	0.0
268	4	1.76e-03	-7.19e-03	-0.13	-9.95e-06	-3.26e-04	0.0
268	5	-0.01	4.03e-04	-0.05	2.00e-05	-4.97e-05	0.0
268	6	-0.01	6.54e-04	-0.05	2.37e-05	-2.79e-05	0.0
268	7	0.01	-8.95e-03	-0.04	-9.20e-05	-1.52e-05	0.0
268	15	2.93e-03	-5.18e-03	-0.03	-6.52e-05	-5.79e-06	0.0
268	18	-6.05e-04	-3.94e-03	-0.04	-5.25e-05	-5.34e-06	0.0
268	21	-1.51e-03	-8.93e-04	0.08	-1.07e-04	3.53e-04	0.0
268	22	4.54e-04	-4.67e-03	-0.05	-4.88e-05	-5.45e-05	0.0
268	23	-1.51e-03	-8.93e-04	0.08	-1.07e-04	3.53e-04	0.0
268	24	2.36e-04	-4.25e-03	-0.03	-5.53e-05	-9.21e-06	0.0
269	1	-2.40e-03	-8.43e-04	0.08	-9.69e-05	4.92e-04	0.0
269	2	1.28e-03	-8.28e-03	-0.10	-5.30e-05	-2.57e-04	0.0
269	4	1.84e-03	-8.09e-03	-0.12	-3.06e-05	-3.71e-04	0.0
269	6	-0.02	1.30e-03	-0.05	3.26e-05	-7.76e-05	0.0
269	7	0.01	-0.01	-0.04	-9.48e-05	-1.03e-05	0.0
269	15	2.83e-03	-5.76e-03	-0.03	-6.22e-05	-1.37e-05	0.0
269	20	8.86e-04	-4.94e-03	-0.03	-5.54e-05	-1.31e-05	0.0
269	21	-1.85e-03	-6.48e-04	0.06	-7.45e-05	3.78e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
269	22	3.64e-04	-5.11e-03	-0.05	-4.82e-05	-7.13e-05	0.0
269	23	-1.85e-03	-6.48e-04	0.06	-7.45e-05	3.78e-04	0.0
269	24	1.19e-04	-4.61e-03	-0.03	-5.11e-05	-2.13e-05	0.0
270	1	-2.85e-03	-5.02e-04	0.06	-5.41e-05	4.82e-04	0.0
270	2	1.25e-03	-9.26e-03	-0.09	-6.60e-05	-2.90e-04	0.0
270	4	1.91e-03	-9.14e-03	-0.10	-5.35e-05	-4.01e-04	0.0
270	6	-0.02	1.93e-03	-0.04	3.69e-05	-1.51e-04	0.0
270	7	0.01	-0.01	-0.04	-9.73e-05	-6.81e-06	0.0
270	8	0.01	-0.01	-0.04	-9.95e-05	1.27e-05	0.0
270	14	-2.74e-03	-3.69e-03	-0.03	-3.61e-05	-5.43e-05	0.0
270	15	2.73e-03	-6.42e-03	-0.03	-5.99e-05	-2.76e-05	0.0
270	16	2.70e-03	-6.42e-03	-0.03	-6.09e-05	-2.47e-05	0.0
270	21	-2.20e-03	-3.86e-04	0.05	-4.16e-05	3.71e-04	0.0
270	22	2.67e-04	-5.64e-03	-0.04	-4.88e-05	-9.24e-05	0.0
270	23	-2.20e-03	-3.86e-04	0.05	-4.16e-05	3.71e-04	0.0
270	24	-6.27e-06	-5.06e-03	-0.03	-4.80e-05	-4.10e-05	0.0
271	1	-3.32e-03	-1.57e-04	0.04	-1.55e-05	4.14e-04	0.0
271	2	1.21e-03	-0.01	-0.08	-8.14e-05	-3.16e-04	0.0
271	4	1.97e-03	-0.01	-0.09	-7.78e-05	-4.12e-04	0.0
271	6	-0.02	2.56e-03	-0.03	3.48e-05	-2.55e-04	0.0
271	7	0.01	-0.01	-0.04	-1.00e-04	-5.90e-06	0.0
271	8	0.01	-0.01	-0.04	-1.06e-04	8.18e-06	0.0
271	14	-2.90e-03	-3.98e-03	-0.03	-3.47e-05	-9.20e-05	0.0
271	16	2.59e-03	-7.20e-03	-0.03	-6.08e-05	-4.75e-05	0.0
271	21	-2.55e-03	-1.21e-04	0.03	-1.19e-05	3.19e-04	0.0
271	22	1.63e-04	-6.27e-03	-0.04	-5.15e-05	-1.19e-04	0.0
271	23	-2.55e-03	-1.21e-04	0.03	-1.19e-05	3.19e-04	0.0
271	24	-1.39e-04	-5.58e-03	-0.03	-4.71e-05	-7.08e-05	0.0
272	1	-3.79e-03	1.72e-04	0.03	1.38e-05	2.70e-04	0.0
272	4	2.03e-03	-0.01	-0.07	-1.04e-04	-3.96e-04	0.0
272	6	-0.02	3.19e-03	-0.02	2.21e-05	-3.97e-04	0.0
272	7	0.01	-0.02	-0.04	-1.07e-04	-9.56e-06	0.0
272	8	0.01	-0.02	-0.04	-1.14e-04	-4.40e-06	0.0
272	14	-3.06e-03	-4.33e-03	-0.02	-3.83e-05	-1.46e-04	0.0
272	16	2.47e-03	-8.09e-03	-0.03	-6.45e-05	-8.20e-05	0.0
272	21	-2.92e-03	1.32e-04	0.02	1.06e-05	2.07e-04	0.0
272	22	5.15e-05	-6.99e-03	-0.03	-5.82e-05	-1.54e-04	0.0
272	23	-2.92e-03	1.32e-04	0.02	1.06e-05	2.07e-04	0.0
272	24	-2.78e-04	-6.20e-03	-0.03	-5.05e-05	-1.14e-04	0.0
273	1	-4.26e-03	4.61e-04	0.02	2.57e-05	2.40e-05	-5.56e-06
273	4	2.07e-03	-0.01	-0.05	-1.18e-04	-3.43e-04	-2.01e-05
273	6	-0.02	3.84e-03	3.15e-04	1.29e-05	-5.83e-04	1.06e-05
273	8	0.01	-0.02	-0.04	-1.19e-04	-2.79e-05	-4.74e-05
273	14	-3.24e-03	-4.76e-03	-0.02	-4.14e-05	-2.19e-04	-6.51e-06
273	16	2.35e-03	-9.09e-03	-0.03	-6.74e-05	-1.31e-04	-1.88e-05
273	21	-3.28e-03	3.55e-04	0.01	1.98e-05	1.85e-05	-4.27e-06
273	22	-6.78e-05	-7.82e-03	-0.03	-6.26e-05	-1.99e-04	-1.38e-05
273	23	-3.28e-03	3.55e-04	0.01	1.98e-05	1.85e-05	-4.27e-06
273	24	-4.24e-04	-6.92e-03	-0.02	-5.35e-05	-1.75e-04	-1.27e-05
274	1	3.67e-03	-1.57e-05	0.03	7.43e-06	-2.44e-04	0.0
274	2	1.67e-03	-0.01	-0.06	-8.04e-05	3.59e-04	0.0
274	4	8.23e-04	-0.01	-0.07	-8.21e-05	4.15e-04	0.0
274	6	-0.01	-0.02	-0.05	-1.08e-04	2.10e-05	0.0
274	8	0.02	4.23e-03	-0.02	3.89e-05	4.02e-04	0.0
274	14	-1.28e-03	-7.44e-03	-0.03	-5.61e-05	1.02e-04	0.0
274	16	4.82e-03	-3.54e-03	-0.02	-2.80e-05	1.65e-04	0.0
274	21	2.82e-03	-1.21e-05	0.02	5.71e-06	-1.88e-04	0.0
274	22	1.62e-03	-6.16e-03	-0.03	-4.70e-05	1.74e-04	0.0
274	23	2.82e-03	-1.21e-05	0.02	5.71e-06	-1.88e-04	0.0
274	24	1.75e-03	-5.48e-03	-0.03	-4.11e-05	1.34e-04	0.0
275	1	4.11e-03	2.18e-04	0.02	2.26e-05	-1.99e-05	7.67e-06
275	4	8.18e-04	-0.01	-0.05	-1.01e-04	3.85e-04	2.08e-05
275	6	-0.01	-0.02	-0.05	-1.14e-04	5.22e-05	4.81e-05
275	8	0.02	4.98e-03	3.00e-03	2.48e-05	5.85e-04	-4.77e-06
275	14	-1.15e-03	-8.34e-03	-0.03	-6.06e-05	1.56e-04	1.97e-05
275	16	5.01e-03	-3.84e-03	-0.02	-3.32e-05	2.41e-04	7.97e-06
275	21	3.16e-03	1.68e-04	0.02	1.73e-05	-1.53e-05	5.90e-06
275	22	1.76e-03	-6.86e-03	-0.03	-5.38e-05	2.25e-04	1.48e-05
275	23	3.16e-03	1.68e-04	0.02	1.73e-05	-1.53e-05	5.90e-06
275	24	1.91e-03	-6.08e-03	-0.02	-4.59e-05	1.98e-04	1.39e-05
276	1	3.22e-03	-3.17e-04	0.04	-2.97e-05	-3.75e-04	0.0
276	2	1.59e-03	-9.19e-03	-0.08	-5.25e-05	3.28e-04	0.0
276	4	8.49e-04	-9.11e-03	-0.09	-4.57e-05	4.15e-04	0.0
276	5	-0.01	-0.01	-0.05	-9.29e-05	1.87e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
276	6	-0.01	-0.01	-0.05	-9.86e-05	1.89e-06	0.0
276	8	0.02	3.49e-03	-0.03	5.91e-05	2.63e-04	0.0
276	14	-1.41e-03	-6.66e-03	-0.03	-5.03e-05	6.28e-05	0.0
276	16	4.65e-03	-3.30e-03	-0.03	-2.13e-05	1.08e-04	0.0
276	21	2.47e-03	-2.44e-04	0.03	-2.28e-05	-2.88e-04	0.0
276	22	1.50e-03	-5.57e-03	-0.04	-3.65e-05	1.33e-04	0.0
276	23	2.47e-03	-2.44e-04	0.03	-2.28e-05	-2.88e-04	0.0
276	24	1.61e-03	-4.97e-03	-0.03	-3.50e-05	8.65e-05	0.0
277	1	2.77e-03	-6.55e-04	0.06	-7.86e-05	-4.35e-04	0.0
277	2	1.53e-03	-8.26e-03	-0.09	-3.13e-05	2.92e-04	0.0
277	4	8.93e-04	-8.10e-03	-0.11	-1.31e-05	3.93e-04	0.0
277	5	-0.01	-0.01	-0.05	-8.92e-05	1.42e-05	0.0
277	6	-0.01	-0.01	-0.05	-9.22e-05	-8.21e-06	0.0
277	8	0.02	2.75e-03	-0.04	6.44e-05	1.62e-04	0.0
277	13	-1.55e-03	-5.99e-03	-0.04	-4.87e-05	3.92e-05	0.0
277	14	-1.52e-03	-5.98e-03	-0.04	-4.98e-05	3.59e-05	0.0
277	16	4.49e-03	-3.13e-03	-0.03	-2.18e-05	6.72e-05	0.0
277	21	2.13e-03	-5.04e-04	0.04	-6.05e-05	-3.35e-04	0.0
277	22	1.39e-03	-5.06e-03	-0.05	-3.21e-05	1.02e-04	0.0
277	23	2.13e-03	-5.04e-04	0.04	-6.05e-05	-3.35e-04	0.0
277	24	1.47e-03	-4.56e-03	-0.04	-3.52e-05	5.32e-05	0.0
278	1	2.34e-03	-1.00e-03	0.08	-1.33e-04	-4.43e-04	0.0
278	2	1.49e-03	-7.47e-03	-0.10	-1.39e-05	2.53e-04	0.0
278	4	9.53e-04	-7.24e-03	-0.12	1.67e-05	3.55e-04	0.0
278	5	-0.01	-0.01	-0.05	-8.67e-05	1.27e-05	0.0
278	6	-0.01	-0.01	-0.05	-8.69e-05	-1.20e-05	0.0
278	8	0.02	1.99e-03	-0.05	6.06e-05	8.96e-05	0.0
278	13	-1.66e-03	-5.42e-03	-0.04	-5.14e-05	2.17e-05	0.0
278	14	-1.63e-03	-5.41e-03	-0.04	-5.21e-05	1.80e-05	0.0
278	16	4.35e-03	-3.02e-03	-0.04	-2.61e-05	3.89e-05	0.0
278	21	1.80e-03	-7.71e-04	0.06	-1.02e-04	-3.41e-04	0.0
278	22	1.29e-03	-4.65e-03	-0.05	-3.08e-05	7.67e-05	0.0
278	23	1.80e-03	-7.71e-04	0.06	-1.02e-04	-3.41e-04	0.0
278	24	1.35e-03	-4.22e-03	-0.04	-3.87e-05	3.03e-05	0.0
279	1	1.92e-03	-1.34e-03	0.10	-1.86e-04	-4.13e-04	0.0
279	2	1.47e-03	-6.84e-03	-0.11	0.0	2.11e-04	0.0
279	4	1.03e-03	-6.53e-03	-0.14	4.28e-05	3.07e-04	0.0
279	5	-0.01	-8.89e-03	-0.05	-8.39e-05	1.29e-05	0.0
279	7	0.02	9.26e-04	-0.05	4.78e-05	6.47e-05	0.0
279	8	0.02	1.21e-03	-0.05	5.02e-05	4.05e-05	0.0
279	13	-1.75e-03	-4.94e-03	-0.04	-5.54e-05	1.04e-05	0.0
279	14	-1.73e-03	-4.92e-03	-0.04	-5.58e-05	6.77e-06	0.0
279	16	4.22e-03	-2.98e-03	-0.04	-3.28e-05	2.01e-05	0.0
279	21	1.48e-03	-1.03e-03	0.07	-1.43e-04	-3.18e-04	0.0
279	22	1.21e-03	-4.33e-03	-0.05	-3.17e-05	5.69e-05	0.0
279	23	1.48e-03	-1.03e-03	0.07	-1.43e-04	-3.18e-04	0.0
279	24	1.24e-03	-3.96e-03	-0.04	-4.41e-05	1.52e-05	0.0
280	1	1.52e-03	-1.63e-03	0.11	-2.35e-04	-3.56e-04	0.0
280	2	1.46e-03	-6.34e-03	-0.12	1.02e-05	1.69e-04	0.0
280	4	1.11e-03	-5.96e-03	-0.15	6.46e-05	2.51e-04	0.0
280	5	-0.01	-7.66e-03	-0.05	-7.99e-05	1.40e-05	0.0
280	7	0.02	5.93e-05	-0.05	3.10e-05	3.05e-05	0.0
280	8	0.02	4.12e-04	-0.05	3.55e-05	8.80e-06	0.0
280	13	-1.83e-03	-4.54e-03	-0.04	-5.96e-05	3.54e-06	0.0
280	16	4.11e-03	-2.99e-03	-0.04	-4.05e-05	8.22e-06	0.0
280	21	1.17e-03	-1.26e-03	0.09	-1.81e-04	-2.74e-04	0.0
280	22	1.13e-03	-4.08e-03	-0.05	-3.37e-05	4.09e-05	0.0
280	23	1.17e-03	-1.26e-03	0.09	-1.81e-04	-2.74e-04	0.0
280	24	1.14e-03	-3.77e-03	-0.04	-5.01e-05	5.88e-06	0.0
281	2	1.47e-03	-5.98e-03	-0.13	1.77e-05	1.25e-04	0.0
281	4	1.21e-03	-5.55e-03	-0.16	8.15e-05	1.90e-04	0.0
281	5	-0.01	-6.53e-03	-0.05	-7.40e-05	1.53e-05	0.0
281	7	0.02	-8.23e-04	-0.05	1.23e-05	7.77e-06	0.0
281	8	0.02	-4.19e-04	-0.05	1.85e-05	-9.82e-06	0.0
281	13	-1.91e-03	-4.21e-03	-0.04	-6.33e-05	0.0	0.0
281	16	4.01e-03	-3.05e-03	-0.04	-4.83e-05	1.41e-06	0.0
281	17	1.42e-04	-3.87e-03	-0.04	-5.83e-05	4.34e-06	0.0
281	21	8.65e-04	-1.44e-03	0.10	-2.13e-04	-2.16e-04	0.0
281	22	1.07e-03	-3.91e-03	-0.06	-3.62e-05	2.77e-05	0.0
281	23	8.65e-04	-1.44e-03	0.10	-2.13e-04	-2.16e-04	0.0
281	24	1.05e-03	-3.63e-03	-0.04	-5.58e-05	0.0	0.0
282	2	1.49e-03	-5.76e-03	-0.13	2.23e-05	8.20e-05	0.0
282	4	1.32e-03	-5.28e-03	-0.16	9.32e-05	1.27e-04	0.0
282	5	-0.01	-5.49e-03	-0.05	-6.58e-05	1.62e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
282	7	0.02	-1.72e-03	-0.05	-6.86e-06	-6.64e-06	0.0
282	8	0.02	-1.28e-03	-0.05	0.0	-1.90e-05	0.0
282	13	-1.98e-03	-3.95e-03	-0.04	-6.59e-05	-1.84e-06	0.0
282	16	3.92e-03	-3.16e-03	-0.04	-5.54e-05	-1.87e-06	0.0
282	17	7.06e-05	-3.74e-03	-0.04	-6.27e-05	0.0	0.0
282	21	5.72e-04	-1.59e-03	0.10	-2.36e-04	-1.49e-04	0.0
282	22	1.02e-03	-3.80e-03	-0.06	-3.86e-05	1.65e-05	0.0
282	23	5.72e-04	-1.59e-03	0.10	-2.36e-04	-1.49e-04	0.0
282	24	9.68e-04	-3.56e-03	-0.04	-6.06e-05	-1.85e-06	0.0
283	2	1.51e-03	-5.66e-03	-0.13	2.42e-05	3.87e-05	0.0
283	4	1.43e-03	-5.15e-03	-0.17	9.96e-05	6.13e-05	0.0
283	8	0.02	-2.19e-03	-0.05	-1.73e-05	-2.14e-05	0.0
283	9	-3.91e-03	-5.02e-03	-0.05	-8.37e-05	1.79e-05	0.0
283	11	5.57e-03	-4.46e-03	-0.05	-7.47e-05	8.54e-06	0.0
283	13	-2.05e-03	-3.74e-03	-0.04	-6.69e-05	-2.32e-06	0.0
283	16	3.84e-03	-3.32e-03	-0.04	-6.13e-05	-2.79e-06	0.0
283	19	1.77e-03	-3.55e-03	-0.04	-6.41e-05	0.0	0.0
283	21	2.85e-04	-1.67e-03	0.11	-2.51e-04	-7.56e-05	0.0
283	22	9.70e-04	-3.76e-03	-0.06	-4.07e-05	6.57e-06	0.0
283	23	2.85e-04	-1.67e-03	0.11	-2.51e-04	-7.56e-05	0.0
283	24	8.94e-04	-3.53e-03	-0.04	-6.41e-05	-2.56e-06	0.0
284	2	1.54e-03	-5.68e-03	-0.14	2.36e-05	-4.39e-06	0.0
284	4	1.54e-03	-5.17e-03	-0.17	1.00e-04	-4.39e-06	0.0
284	8	0.02	-3.14e-03	-0.05	-3.40e-05	-1.94e-05	0.0
284	11	5.56e-03	-4.78e-03	-0.05	-8.17e-05	-7.45e-06	0.0
284	16	3.76e-03	-3.53e-03	-0.04	-6.57e-05	-2.32e-06	0.0
284	19	1.70e-03	-3.63e-03	-0.04	-6.68e-05	-2.34e-06	0.0
284	21	0.0	-1.70e-03	0.11	-2.56e-04	0.0	0.0
284	22	9.26e-04	-3.78e-03	-0.06	-4.21e-05	-2.63e-06	0.0
284	23	0.0	-1.70e-03	0.11	-2.56e-04	0.0	0.0
284	24	8.23e-04	-3.55e-03	-0.04	-6.59e-05	-2.34e-06	0.0
285	2	1.58e-03	-5.84e-03	-0.13	2.06e-05	-4.71e-05	0.0
285	4	1.66e-03	-5.34e-03	-0.17	9.59e-05	-6.98e-05	0.0
285	7	0.02	-4.62e-03	-0.05	-5.72e-05	-2.08e-05	0.0
285	9	-3.93e-03	-4.55e-03	-0.05	-7.67e-05	-1.30e-05	0.0
285	11	5.55e-03	-5.12e-03	-0.05	-8.57e-05	-2.24e-05	0.0
285	15	3.70e-03	-3.83e-03	-0.04	-6.88e-05	-2.17e-06	0.0
285	17	-1.22e-04	-3.65e-03	-0.04	-6.60e-05	-3.58e-06	0.0
285	21	-2.85e-04	-1.67e-03	0.11	-2.51e-04	7.56e-05	0.0
285	22	8.83e-04	-3.87e-03	-0.06	-4.29e-05	-1.16e-05	0.0
285	23	-2.85e-04	-1.67e-03	0.11	-2.51e-04	7.56e-05	0.0
285	24	7.54e-04	-3.63e-03	-0.04	-6.60e-05	-1.94e-06	0.0
286	2	1.61e-03	-6.12e-03	-0.13	1.51e-05	-8.93e-05	0.0
286	4	1.78e-03	-5.64e-03	-0.16	8.60e-05	-1.34e-04	0.0
286	5	-0.02	-1.92e-03	-0.05	-1.07e-05	2.74e-06	0.0
286	7	0.02	-5.68e-03	-0.05	-6.97e-05	-2.01e-05	0.0
286	15	3.63e-03	-4.14e-03	-0.04	-6.97e-05	-2.06e-06	0.0
286	19	1.58e-03	-3.93e-03	-0.04	-6.66e-05	-4.83e-06	0.0
286	21	-5.72e-04	-1.59e-03	0.10	-2.36e-04	1.49e-04	0.0
286	22	8.40e-04	-4.02e-03	-0.06	-4.30e-05	-2.09e-05	0.0
286	23	-5.72e-04	-1.59e-03	0.10	-2.36e-04	1.49e-04	0.0
286	24	6.83e-04	-3.75e-03	-0.04	-6.44e-05	-2.05e-06	0.0
287	2	1.64e-03	-6.53e-03	-0.13	7.19e-06	-1.31e-04	0.0
287	4	1.90e-03	-6.10e-03	-0.16	7.10e-05	-1.95e-04	0.0
287	5	-0.02	-1.12e-03	-0.05	6.72e-06	-1.06e-05	0.0
287	7	0.02	-6.82e-03	-0.05	-7.96e-05	-1.81e-05	0.0
287	15	3.57e-03	-4.51e-03	-0.04	-6.89e-05	-2.64e-06	0.0
287	19	1.52e-03	-4.16e-03	-0.04	-6.39e-05	-7.15e-06	0.0
287	21	-8.65e-04	-1.44e-03	0.10	-2.13e-04	2.16e-04	0.0
287	22	7.94e-04	-4.24e-03	-0.05	-4.25e-05	-3.09e-05	0.0
287	23	-8.65e-04	-1.44e-03	0.10	-2.13e-04	2.16e-04	0.0
287	24	6.09e-04	-3.93e-03	-0.04	-6.14e-05	-3.43e-06	0.0
288	2	1.66e-03	-7.09e-03	-0.12	-3.15e-06	-1.71e-04	0.0
288	4	2.01e-03	-6.71e-03	-0.15	5.12e-05	-2.53e-04	0.0
288	5	-0.02	-3.38e-04	-0.05	2.39e-05	-3.16e-05	0.0
288	7	0.02	-8.05e-03	-0.05	-8.70e-05	-1.51e-05	0.0
288	15	3.50e-03	-4.94e-03	-0.04	-6.68e-05	-4.64e-06	0.0
288	21	-1.17e-03	-1.26e-03	0.09	-1.81e-04	2.74e-04	0.0
288	22	7.42e-04	-4.53e-03	-0.05	-4.17e-05	-4.21e-05	0.0
288	23	-1.17e-03	-1.26e-03	0.09	-1.81e-04	2.74e-04	0.0
288	24	5.30e-04	-4.16e-03	-0.04	-5.72e-05	-6.98e-06	0.0
289	2	1.68e-03	-7.78e-03	-0.11	-1.60e-05	-2.09e-04	0.0
289	4	2.12e-03	-7.47e-03	-0.13	2.70e-05	-3.04e-04	0.0
289	5	-0.02	4.22e-04	-0.05	3.94e-05	-6.33e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
289	7	0.02	-9.40e-03	-0.05	-9.23e-05	-1.15e-05	0.0
289	15	3.43e-03	-5.45e-03	-0.04	-6.38e-05	-8.93e-06	0.0
289	16	3.41e-03	-5.42e-03	-0.04	-6.42e-05	-5.34e-06	0.0
289	21	-1.48e-03	-1.03e-03	0.07	-1.43e-04	3.18e-04	0.0
289	22	6.84e-04	-4.89e-03	-0.05	-4.11e-05	-5.53e-05	0.0
289	23	-1.48e-03	-1.03e-03	0.07	-1.43e-04	3.18e-04	0.0
289	24	4.44e-04	-4.46e-03	-0.04	-5.25e-05	-1.38e-05	0.0
290	1	-2.34e-03	-1.00e-03	0.08	-1.33e-04	4.43e-04	0.0
290	2	1.69e-03	-8.63e-03	-0.10	-3.14e-05	-2.43e-04	0.0
290	4	2.23e-03	-8.39e-03	-0.12	0.0	-3.46e-04	0.0
290	6	-0.02	1.38e-03	-0.04	5.13e-05	-8.46e-05	0.0
290	7	0.02	-0.01	-0.05	-9.60e-05	-7.68e-06	0.0
290	8	0.02	-0.01	-0.05	-9.62e-05	1.70e-05	0.0
290	15	3.35e-03	-6.03e-03	-0.04	-6.07e-05	-1.66e-05	0.0
290	16	3.33e-03	-6.02e-03	-0.04	-6.14e-05	-1.30e-05	0.0
290	21	-1.80e-03	-7.71e-04	0.06	-1.02e-04	3.41e-04	0.0
290	22	6.16e-04	-5.35e-03	-0.05	-4.13e-05	-7.11e-05	0.0
290	23	-1.80e-03	-7.71e-04	0.06	-1.02e-04	3.41e-04	0.0
290	24	3.48e-04	-4.84e-03	-0.04	-4.80e-05	-2.53e-05	0.0
291	1	-2.77e-03	-6.55e-04	0.06	-7.86e-05	4.35e-04	0.0
291	2	1.68e-03	-9.63e-03	-0.09	-4.94e-05	-2.73e-04	0.0
291	4	2.32e-03	-9.48e-03	-0.10	-3.13e-05	-3.74e-04	0.0
291	6	-0.02	2.02e-03	-0.04	5.47e-05	-1.52e-04	0.0
291	7	0.02	-0.01	-0.05	-9.89e-05	-4.19e-06	0.0
291	8	0.02	-0.01	-0.05	-1.02e-04	1.82e-05	0.0
291	15	3.26e-03	-6.72e-03	-0.04	-5.84e-05	-2.92e-05	0.0
291	16	3.24e-03	-6.72e-03	-0.04	-5.95e-05	-2.59e-05	0.0
291	21	-2.13e-03	-5.04e-04	0.04	-6.05e-05	3.35e-04	0.0
291	22	5.38e-04	-5.89e-03	-0.04	-4.30e-05	-9.04e-05	0.0
291	23	-2.13e-03	-5.04e-04	0.04	-6.05e-05	3.35e-04	0.0
291	24	2.41e-04	-5.29e-03	-0.04	-4.49e-05	-4.32e-05	0.0
292	1	-3.22e-03	-3.17e-04	0.04	-2.97e-05	3.75e-04	0.0
292	2	1.65e-03	-0.01	-0.08	-7.03e-05	-2.97e-04	0.0
292	4	2.40e-03	-0.01	-0.09	-6.34e-05	-3.83e-04	0.0
292	6	-0.02	2.64e-03	-0.03	4.96e-05	-2.47e-04	0.0
292	7	0.02	-0.01	-0.05	-1.02e-04	-1.91e-06	0.0
292	8	0.02	-0.01	-0.05	-1.08e-04	1.49e-05	0.0
292	15	3.17e-03	-7.51e-03	-0.03	-5.82e-05	-4.85e-05	0.0
292	16	3.14e-03	-7.52e-03	-0.04	-5.97e-05	-4.61e-05	0.0
292	21	-2.47e-03	-2.44e-04	0.03	-2.28e-05	2.88e-04	0.0
292	22	4.48e-04	-6.53e-03	-0.04	-4.72e-05	-1.15e-04	0.0
292	23	-2.47e-03	-2.44e-04	0.03	-2.28e-05	2.88e-04	0.0
292	24	1.24e-04	-5.83e-03	-0.03	-4.45e-05	-6.98e-05	0.0
293	1	-3.67e-03	-1.57e-05	0.03	7.43e-06	2.44e-04	0.0
293	2	1.61e-03	-0.01	-0.07	-9.60e-05	-3.11e-04	0.0
293	4	2.46e-03	-0.01	-0.07	-9.77e-05	-3.67e-04	0.0
293	6	-0.02	3.24e-03	-0.02	3.06e-05	-3.77e-04	0.0
293	8	0.02	-0.02	-0.05	-1.17e-04	4.66e-06	0.0
293	14	-3.07e-03	-4.53e-03	-0.03	-3.63e-05	-1.39e-04	0.0
293	16	3.03e-03	-8.43e-03	-0.03	-6.45e-05	-7.62e-05	0.0
293	21	-2.82e-03	-1.21e-05	0.02	5.71e-06	1.88e-04	0.0
293	22	3.48e-04	-7.28e-03	-0.04	-5.63e-05	-1.45e-04	0.0
293	23	-2.82e-03	-1.21e-05	0.02	5.71e-06	1.88e-04	0.0
293	24	-4.10e-06	-6.47e-03	-0.03	-4.94e-05	-1.08e-04	0.0
294	1	-4.11e-03	2.18e-04	0.02	2.26e-05	1.99e-05	-7.67e-06
294	4	2.50e-03	-0.01	-0.06	-1.15e-04	-3.16e-04	-2.45e-05
294	6	-0.02	3.85e-03	4.44e-04	1.73e-05	-5.48e-04	2.80e-06
294	8	0.02	-0.02	-0.05	-1.22e-04	-1.52e-05	-5.00e-05
294	14	-3.24e-03	-4.97e-03	-0.02	-4.07e-05	-2.04e-04	-9.93e-06
294	16	2.92e-03	-9.47e-03	-0.03	-6.81e-05	-1.19e-04	-2.17e-05
294	21	-3.16e-03	1.68e-04	0.02	1.73e-05	1.53e-05	-5.90e-06
294	22	2.37e-04	-8.13e-03	-0.03	-6.22e-05	-1.83e-04	-1.71e-05
294	23	-3.16e-03	1.68e-04	0.02	1.73e-05	1.53e-05	-5.90e-06
294	24	-1.41e-04	-7.21e-03	-0.02	-5.34e-05	-1.61e-04	-1.58e-05
295	1	3.51e-03	-1.88e-04	0.03	1.76e-06	-2.13e-04	0.0
295	2	1.40e-03	-0.01	-0.07	-7.43e-05	3.27e-04	0.0
295	4	5.88e-04	-0.01	-0.07	-7.47e-05	3.76e-04	0.0
295	6	-0.02	-0.02	-0.05	-1.10e-04	9.90e-06	0.0
295	8	0.02	4.30e-03	-0.02	4.72e-05	3.74e-04	0.0
295	14	-1.75e-03	-7.71e-03	-0.03	-5.52e-05	9.32e-05	0.0
295	16	4.93e-03	-3.68e-03	-0.03	-2.53e-05	1.54e-04	0.0
295	21	2.70e-03	-1.45e-04	0.02	1.35e-06	-1.64e-04	0.0
295	22	1.43e-03	-6.38e-03	-0.04	-4.43e-05	1.60e-04	0.0
295	23	2.70e-03	-1.45e-04	0.02	1.35e-06	-1.64e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
295	24	1.57e-03	-5.68e-03	-0.03	-3.92e-05	1.24e-04	0.0
296	1	3.92e-03	2.88e-06	0.02	1.97e-05	-1.55e-05	9.61e-06
296	4	5.72e-04	-0.01	-0.06	-9.80e-05	3.46e-04	2.59e-05
296	6	-0.02	-0.02	-0.05	-1.17e-04	3.54e-05	5.11e-05
296	8	0.02	4.99e-03	3.43e-03	2.92e-05	5.36e-04	3.11e-06
296	14	-1.63e-03	-8.64e-03	-0.03	-6.05e-05	1.39e-04	2.29e-05
296	16	5.10e-03	-4.01e-03	-0.02	-3.20e-05	2.20e-04	1.17e-05
296	21	3.02e-03	2.21e-06	0.02	1.52e-05	-1.19e-05	7.39e-06
296	22	1.55e-03	-7.10e-03	-0.03	-5.27e-05	2.03e-04	1.85e-05
296	23	3.02e-03	2.21e-06	0.02	1.52e-05	-1.19e-05	7.39e-06
296	24	1.71e-03	-6.31e-03	-0.02	-4.52e-05	1.79e-04	1.73e-05
297	1	3.09e-03	-4.76e-04	0.04	-4.22e-05	-3.27e-04	0.0
297	2	1.34e-03	-9.47e-03	-0.08	-4.01e-05	3.02e-04	0.0
297	4	6.30e-04	-9.36e-03	-0.09	-3.03e-05	3.77e-04	0.0
297	5	-0.02	-0.01	-0.05	-9.31e-05	1.37e-05	0.0
297	6	-0.02	-0.01	-0.05	-9.99e-05	-5.53e-06	0.0
297	8	0.02	3.59e-03	-0.03	7.33e-05	2.51e-04	0.0
297	14	-1.86e-03	-6.91e-03	-0.04	-4.79e-05	6.01e-05	0.0
297	16	4.78e-03	-3.43e-03	-0.03	-1.65e-05	1.05e-04	0.0
297	21	2.37e-03	-3.66e-04	0.03	-3.25e-05	-2.51e-04	0.0
297	22	1.33e-03	-5.76e-03	-0.04	-3.12e-05	1.26e-04	0.0
297	23	2.37e-03	-3.66e-04	0.03	-3.25e-05	-2.51e-04	0.0
297	24	1.44e-03	-5.16e-03	-0.03	-3.13e-05	8.40e-05	0.0
298	1	2.67e-03	-8.19e-04	0.05	-1.00e-04	-3.78e-04	0.0
298	2	1.31e-03	-8.52e-03	-0.09	-1.33e-05	2.71e-04	0.0
298	4	6.97e-04	-8.33e-03	-0.11	9.81e-06	3.58e-04	0.0
298	5	-0.02	-0.01	-0.05	-8.88e-05	1.12e-05	0.0
298	6	-0.02	-0.01	-0.05	-9.33e-05	-1.38e-05	0.0
298	8	0.02	2.85e-03	-0.04	8.13e-05	1.61e-04	0.0
298	13	-1.99e-03	-6.22e-03	-0.04	-4.55e-05	4.07e-05	0.0
298	14	-1.96e-03	-6.22e-03	-0.04	-4.69e-05	3.70e-05	0.0
298	16	4.65e-03	-3.25e-03	-0.03	-1.60e-05	6.97e-05	0.0
298	21	2.05e-03	-6.30e-04	0.04	-7.71e-05	-2.91e-04	0.0
298	22	1.24e-03	-5.25e-03	-0.05	-2.49e-05	9.85e-05	0.0
298	23	2.05e-03	-6.30e-04	0.04	-7.71e-05	-2.91e-04	0.0
298	24	1.33e-03	-4.74e-03	-0.04	-3.07e-05	5.52e-05	0.0
299	1	2.26e-03	-1.18e-03	0.07	-1.64e-04	-3.84e-04	0.0
299	2	1.31e-03	-7.72e-03	-0.10	8.91e-06	2.36e-04	0.0
299	4	7.87e-04	-7.45e-03	-0.12	4.68e-05	3.24e-04	0.0
299	5	-0.02	-0.01	-0.05	-8.53e-05	9.89e-06	0.0
299	6	-0.02	-0.01	-0.05	-8.77e-05	-1.71e-05	0.0
299	8	0.02	2.08e-03	-0.04	7.82e-05	9.73e-05	0.0
299	13	-2.07e-03	-5.64e-03	-0.04	-4.79e-05	2.52e-05	0.0
299	14	-2.04e-03	-5.63e-03	-0.04	-4.90e-05	2.12e-05	0.0
299	16	4.53e-03	-3.15e-03	-0.04	-2.00e-05	4.47e-05	0.0
299	21	1.74e-03	-9.09e-04	0.05	-1.26e-04	-2.96e-04	0.0
299	22	1.17e-03	-4.83e-03	-0.05	-2.24e-05	7.63e-05	0.0
299	23	1.74e-03	-9.09e-04	0.05	-1.26e-04	-2.96e-04	0.0
299	24	1.23e-03	-4.40e-03	-0.04	-3.39e-05	3.49e-05	0.0
300	1	1.87e-03	-1.53e-03	0.09	-2.27e-04	-3.58e-04	0.0
300	2	1.33e-03	-7.08e-03	-0.11	2.68e-05	1.98e-04	0.0
300	4	8.99e-04	-6.73e-03	-0.13	7.92e-05	2.80e-04	0.0
300	5	-0.02	-9.28e-03	-0.05	-8.14e-05	9.15e-06	0.0
300	8	0.02	1.28e-03	-0.05	6.71e-05	5.39e-05	0.0
300	13	-2.13e-03	-5.16e-03	-0.04	-5.17e-05	1.46e-05	0.0
300	14	-2.11e-03	-5.13e-03	-0.04	-5.26e-05	1.07e-05	0.0
300	16	4.43e-03	-3.11e-03	-0.04	-2.68e-05	2.76e-05	0.0
300	21	1.44e-03	-1.18e-03	0.07	-1.75e-04	-2.75e-04	0.0
300	22	1.11e-03	-4.51e-03	-0.05	-2.23e-05	5.81e-05	0.0
300	23	1.44e-03	-1.18e-03	0.07	-1.75e-04	-2.75e-04	0.0
300	24	1.15e-03	-4.14e-03	-0.04	-3.93e-05	2.11e-05	0.0
301	1	1.48e-03	-1.85e-03	0.10	-2.85e-04	-3.08e-04	0.0
301	2	1.37e-03	-6.58e-03	-0.12	4.07e-05	1.58e-04	0.0
301	4	1.03e-03	-6.15e-03	-0.14	1.06e-04	2.29e-04	0.0
301	5	-0.02	-8.01e-03	-0.05	-7.59e-05	8.50e-06	0.0
301	8	0.02	4.46e-04	-0.05	5.09e-05	2.57e-05	0.0
301	13	-2.19e-03	-4.76e-03	-0.04	-5.59e-05	7.56e-06	0.0
301	16	4.35e-03	-3.14e-03	-0.04	-3.49e-05	1.63e-05	0.0
301	21	1.14e-03	-1.43e-03	0.08	-2.19e-04	-2.37e-04	0.0
301	22	1.07e-03	-4.26e-03	-0.05	-2.37e-05	4.30e-05	0.0
301	23	1.14e-03	-1.43e-03	0.08	-2.19e-04	-2.37e-04	0.0
301	24	1.08e-03	-3.95e-03	-0.04	-4.54e-05	1.19e-05	0.0
302	2	1.43e-03	-6.22e-03	-0.13	5.08e-05	1.18e-04	0.0
302	4	1.18e-03	-5.73e-03	-0.15	1.28e-04	1.74e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
302	5	-0.02	-6.85e-03	-0.05	-6.84e-05	7.60e-06	0.0
302	8	0.02	-4.24e-04	-0.05	3.17e-05	8.83e-06	0.0
302	9	-4.35e-03	-5.92e-03	-0.05	-6.44e-05	5.04e-05	0.0
302	13	-2.23e-03	-4.43e-03	-0.04	-5.95e-05	2.95e-06	0.0
302	16	4.28e-03	-3.21e-03	-0.04	-4.32e-05	9.13e-06	0.0
302	21	8.48e-04	-1.63e-03	0.09	-2.56e-04	-1.86e-04	0.0
302	22	1.05e-03	-4.09e-03	-0.06	-2.58e-05	3.01e-05	0.0
302	23	8.48e-04	-1.63e-03	0.09	-2.56e-04	-1.86e-04	0.0
302	24	1.02e-03	-3.82e-03	-0.04	-5.13e-05	6.04e-06	0.0
303	2	1.51e-03	-5.99e-03	-0.13	5.73e-05	7.81e-05	0.0
303	4	1.34e-03	-5.46e-03	-0.16	1.42e-04	1.16e-04	0.0
303	5	-0.02	-5.77e-03	-0.05	-5.84e-05	6.13e-06	0.0
303	8	0.02	-1.33e-03	-0.05	1.14e-05	0.0	0.0
303	11	6.07e-03	-4.47e-03	-0.05	-4.65e-05	3.63e-05	0.0
303	13	-2.27e-03	-4.15e-03	-0.04	-6.19e-05	0.0	0.0
303	16	4.23e-03	-3.33e-03	-0.04	-5.09e-05	4.91e-06	0.0
303	17	-9.64e-06	-3.94e-03	-0.04	-5.75e-05	4.61e-06	0.0
303	21	5.63e-04	-1.78e-03	0.09	-2.83e-04	-1.28e-04	0.0
303	22	1.03e-03	-3.99e-03	-0.06	-2.80e-05	1.87e-05	0.0
303	23	5.63e-04	-1.78e-03	0.09	-2.83e-04	-1.28e-04	0.0
303	24	9.76e-04	-3.74e-03	-0.04	-5.64e-05	2.41e-06	0.0
304	2	1.59e-03	-5.90e-03	-0.13	6.02e-05	3.78e-05	0.0
304	4	1.51e-03	-5.33e-03	-0.16	1.50e-04	5.73e-05	0.0
304	8	0.02	-2.28e-03	-0.05	-8.85e-06	-3.13e-06	0.0
304	9	-4.31e-03	-5.39e-03	-0.05	-6.65e-05	1.70e-05	0.0
304	11	6.08e-03	-4.80e-03	-0.05	-5.62e-05	1.69e-05	0.0
304	13	-2.31e-03	-3.94e-03	-0.04	-6.28e-05	-2.21e-06	0.0
304	16	4.18e-03	-3.50e-03	-0.04	-5.73e-05	2.59e-06	0.0
304	17	-4.35e-05	-3.87e-03	-0.04	-6.04e-05	0.0	0.0
304	21	2.81e-04	-1.88e-03	0.10	-3.01e-04	-6.50e-05	0.0
304	22	1.02e-03	-3.95e-03	-0.06	-3.00e-05	8.34e-06	0.0
304	23	2.81e-04	-1.88e-03	0.10	-3.01e-04	-6.50e-05	0.0
304	24	9.35e-04	-3.72e-03	-0.04	-6.01e-05	0.0	0.0
305	2	1.68e-03	-5.93e-03	-0.13	5.98e-05	-2.45e-06	0.0
305	4	1.68e-03	-5.35e-03	-0.16	1.52e-04	-2.45e-06	0.0
305	8	0.02	-3.28e-03	-0.05	-2.79e-05	-2.51e-06	0.0
305	11	6.09e-03	-5.15e-03	-0.06	-6.37e-05	-1.67e-06	0.0
305	16	4.14e-03	-3.72e-03	-0.04	-6.22e-05	1.42e-06	0.0
305	19	1.87e-03	-3.84e-03	-0.04	-6.16e-05	0.0	0.0
305	21	0.0	-1.91e-03	0.10	-3.06e-04	0.0	0.0
305	22	1.01e-03	-3.98e-03	-0.06	-3.15e-05	-1.47e-06	0.0
305	23	0.0	-1.91e-03	0.10	-3.06e-04	0.0	0.0
305	24	8.98e-04	-3.75e-03	-0.04	-6.21e-05	-1.31e-06	0.0
306	2	1.78e-03	-6.09e-03	-0.13	5.60e-05	-4.24e-05	0.0
306	4	1.86e-03	-5.52e-03	-0.16	1.46e-04	-6.19e-05	0.0
306	7	0.02	-4.87e-03	-0.05	-4.82e-05	-6.18e-06	0.0
306	9	-4.28e-03	-4.91e-03	-0.05	-5.85e-05	-1.94e-05	0.0
306	11	6.11e-03	-5.49e-03	-0.05	-6.87e-05	-1.94e-05	0.0
306	15	4.11e-03	-4.04e-03	-0.04	-6.50e-05	0.0	0.0
306	19	1.84e-03	-3.97e-03	-0.04	-6.26e-05	-3.43e-06	0.0
306	21	-2.81e-04	-1.88e-03	0.10	-3.01e-04	6.50e-05	0.0
306	22	1.00e-03	-4.06e-03	-0.06	-3.25e-05	-1.11e-05	0.0
306	23	-2.81e-04	-1.88e-03	0.10	-3.01e-04	6.50e-05	0.0
306	24	8.62e-04	-3.82e-03	-0.04	-6.23e-05	-2.64e-06	0.0
307	2	1.87e-03	-6.37e-03	-0.13	4.90e-05	-8.18e-05	0.0
307	4	2.04e-03	-5.84e-03	-0.16	1.34e-04	-1.20e-04	0.0
307	7	0.02	-5.98e-03	-0.05	-6.28e-05	-8.09e-06	0.0
307	9	-4.27e-03	-4.67e-03	-0.05	-5.09e-05	-3.82e-05	0.0
307	15	4.07e-03	-4.36e-03	-0.04	-6.63e-05	-1.88e-06	0.0
307	19	1.81e-03	-4.15e-03	-0.04	-6.19e-05	-6.57e-06	0.0
307	21	-5.63e-04	-1.78e-03	0.09	-2.83e-04	1.28e-04	0.0
307	22	9.97e-04	-4.22e-03	-0.06	-3.29e-05	-2.09e-05	0.0
307	23	-5.63e-04	-1.78e-03	0.09	-2.83e-04	1.28e-04	0.0
307	24	8.24e-04	-3.95e-03	-0.04	-6.08e-05	-4.37e-06	0.0
308	2	1.96e-03	-6.80e-03	-0.13	3.88e-05	-1.20e-04	0.0
308	4	2.21e-03	-6.31e-03	-0.15	1.16e-04	-1.76e-04	0.0
308	7	0.02	-7.16e-03	-0.05	-7.48e-05	-8.65e-06	0.0
308	11	6.16e-03	-6.23e-03	-0.05	-7.08e-05	-5.14e-05	0.0
308	15	4.04e-03	-4.73e-03	-0.04	-6.59e-05	-4.00e-06	0.0
308	21	-8.48e-04	-1.63e-03	0.09	-2.56e-04	1.86e-04	0.0
308	22	9.86e-04	-4.44e-03	-0.06	-3.30e-05	-3.13e-05	0.0
308	23	-8.48e-04	-1.63e-03	0.09	-2.56e-04	1.86e-04	0.0
308	24	7.83e-04	-4.12e-03	-0.04	-5.77e-05	-7.09e-06	0.0
309	2	2.03e-03	-7.36e-03	-0.12	2.54e-05	-1.58e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
309	4	2.37e-03	-6.93e-03	-0.14	9.11e-05	-2.29e-04	0.0
309	7	0.02	-8.43e-03	-0.05	-8.41e-05	-8.10e-06	0.0
309	15	4.00e-03	-5.17e-03	-0.04	-6.41e-05	-7.15e-06	0.0
309	21	-1.14e-03	-1.43e-03	0.08	-2.19e-04	2.37e-04	0.0
309	22	9.68e-04	-4.73e-03	-0.05	-3.29e-05	-4.25e-05	0.0
309	23	-1.14e-03	-1.43e-03	0.08	-2.19e-04	2.37e-04	0.0
309	24	7.34e-04	-4.36e-03	-0.04	-5.36e-05	-1.15e-05	0.0
310	2	2.09e-03	-8.06e-03	-0.11	8.82e-06	-1.93e-04	0.0
310	4	2.53e-03	-7.71e-03	-0.13	6.12e-05	-2.75e-04	0.0
310	7	0.02	-9.80e-03	-0.05	-9.10e-05	-6.57e-06	0.0
310	15	3.96e-03	-5.69e-03	-0.04	-6.13e-05	-1.20e-05	0.0
310	16	3.94e-03	-5.66e-03	-0.04	-6.22e-05	-8.15e-06	0.0
310	21	-1.44e-03	-1.18e-03	0.07	-1.75e-04	2.75e-04	0.0
310	22	9.41e-04	-5.10e-03	-0.05	-3.31e-05	-5.52e-05	0.0
310	23	-1.44e-03	-1.18e-03	0.07	-1.75e-04	2.75e-04	0.0
310	24	6.77e-04	-4.66e-03	-0.04	-4.89e-05	-1.85e-05	0.0
311	2	2.14e-03	-8.92e-03	-0.10	-1.09e-05	-2.25e-04	0.0
311	4	2.66e-03	-8.65e-03	-0.12	2.69e-05	-3.14e-04	0.0
311	7	0.02	-0.01	-0.05	-9.59e-05	-4.18e-06	0.0
311	8	0.02	-0.01	-0.05	-9.83e-05	2.28e-05	0.0
311	15	3.91e-03	-6.28e-03	-0.04	-5.84e-05	-1.95e-05	0.0
311	16	3.88e-03	-6.27e-03	-0.04	-5.95e-05	-1.55e-05	0.0
311	21	-1.74e-03	-9.09e-04	0.05	-1.26e-04	2.96e-04	0.0
311	22	9.01e-04	-5.55e-03	-0.05	-3.43e-05	-6.98e-05	0.0
311	23	-1.74e-03	-9.09e-04	0.05	-1.26e-04	2.96e-04	0.0
311	24	6.07e-04	-5.04e-03	-0.04	-4.45e-05	-2.92e-05	0.0
312	2	2.17e-03	-9.94e-03	-0.09	-3.38e-05	-2.52e-04	0.0
312	4	2.78e-03	-9.75e-03	-0.11	-1.07e-05	-3.39e-04	0.0
312	7	0.02	-0.01	-0.05	-9.97e-05	-1.09e-06	0.0
312	8	0.02	-0.01	-0.05	-1.04e-04	2.39e-05	0.0
312	15	3.84e-03	-6.98e-03	-0.04	-5.64e-05	-3.06e-05	0.0
312	16	3.82e-03	-6.98e-03	-0.04	-5.78e-05	-2.69e-05	0.0
312	21	-2.05e-03	-6.30e-04	0.04	-7.71e-05	2.91e-04	0.0
312	22	8.47e-04	-6.10e-03	-0.05	-3.72e-05	-8.71e-05	0.0
312	23	-2.05e-03	-6.30e-04	0.04	-7.71e-05	2.91e-04	0.0
312	24	5.25e-04	-5.50e-03	-0.04	-4.17e-05	-4.51e-05	0.0
313	1	-3.09e-03	-4.76e-04	0.04	-4.22e-05	3.27e-04	0.0
313	2	2.17e-03	-0.01	-0.08	-5.98e-05	-2.72e-04	0.0
313	4	2.88e-03	-0.01	-0.09	-5.00e-05	-3.47e-04	0.0
313	6	-0.02	2.71e-03	-0.03	6.28e-05	-2.35e-04	0.0
313	7	0.02	-0.01	-0.05	-1.04e-04	2.34e-06	0.0
313	8	0.02	-0.01	-0.05	-1.10e-04	2.16e-05	0.0
313	15	3.77e-03	-7.78e-03	-0.04	-5.67e-05	-4.69e-05	0.0
313	16	3.74e-03	-7.79e-03	-0.04	-5.84e-05	-4.41e-05	0.0
313	21	-2.37e-03	-3.66e-04	0.03	-3.25e-05	2.51e-04	0.0
313	22	7.78e-04	-6.76e-03	-0.04	-4.30e-05	-1.08e-04	0.0
313	23	-2.37e-03	-3.66e-04	0.03	-3.25e-05	2.51e-04	0.0
313	24	4.28e-04	-6.05e-03	-0.03	-4.18e-05	-6.80e-05	0.0
314	1	-3.51e-03	-1.88e-04	0.03	1.76e-06	2.13e-04	0.0
314	2	2.15e-03	-0.01	-0.07	-9.12e-05	-2.82e-04	0.0
314	4	2.95e-03	-0.01	-0.08	-9.16e-05	-3.31e-04	0.0
314	6	-0.02	3.28e-03	-0.02	3.82e-05	-3.50e-04	0.0
314	8	0.02	-0.02	-0.05	-1.19e-04	1.41e-05	0.0
314	15	3.68e-03	-8.71e-03	-0.03	-6.22e-05	-7.05e-05	0.0
314	16	3.64e-03	-8.73e-03	-0.04	-6.42e-05	-6.92e-05	0.0
314	21	-2.70e-03	-1.45e-04	0.02	1.35e-06	1.64e-04	0.0
314	22	6.94e-04	-7.52e-03	-0.04	-5.44e-05	-1.33e-04	0.0
314	23	-2.70e-03	-1.45e-04	0.02	1.35e-06	1.64e-04	0.0
314	24	3.17e-04	-6.70e-03	-0.03	-4.82e-05	-1.00e-04	0.0
315	1	-3.92e-03	2.88e-06	0.02	1.97e-05	1.55e-05	-9.61e-06
315	4	3.00e-03	-0.01	-0.06	-1.13e-04	-2.82e-04	-2.89e-05
315	6	-0.02	3.83e-03	5.87e-04	2.13e-05	-5.02e-04	-4.67e-06
315	8	0.02	-0.02	-0.05	-1.25e-04	-1.25e-06	-5.27e-05
315	15	3.58e-03	-9.76e-03	-0.03	-6.63e-05	-1.04e-04	-2.44e-05
315	16	3.54e-03	-9.80e-03	-0.03	-6.85e-05	-1.05e-04	-2.44e-05
315	21	-3.02e-03	2.21e-06	0.02	1.52e-05	1.19e-05	-7.39e-06
315	22	5.95e-04	-8.40e-03	-0.03	-6.16e-05	-1.64e-04	-2.03e-05
315	23	-3.02e-03	2.21e-06	0.02	1.52e-05	1.19e-05	-7.39e-06
315	24	1.94e-04	-7.46e-03	-0.03	-5.31e-05	-1.45e-04	-1.88e-05
316	1	3.33e-03	-3.40e-04	0.03	-2.71e-06	-1.77e-04	0.0
316	2	1.04e-03	-0.01	-0.07	-6.87e-05	2.90e-04	0.0
316	4	2.67e-04	-0.01	-0.08	-6.80e-05	3.31e-04	0.0
316	6	-0.02	-0.02	-0.06	-1.12e-04	-1.78e-06	0.0
316	8	0.02	4.35e-03	-0.01	5.42e-05	3.39e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
316	14	-2.28e-03	-7.94e-03	-0.04	-5.41e-05	8.29e-05	0.0
316	16	4.99e-03	-3.80e-03	-0.03	-2.27e-05	1.41e-04	0.0
316	21	2.56e-03	-2.61e-04	0.02	-2.08e-06	-1.36e-04	0.0
316	22	1.19e-03	-6.55e-03	-0.04	-4.17e-05	1.44e-04	0.0
316	23	2.56e-03	-2.61e-04	0.02	-2.08e-06	-1.36e-04	0.0
316	24	1.34e-03	-5.85e-03	-0.03	-3.73e-05	1.13e-04	0.0
317	1	3.71e-03	-1.73e-04	0.02	1.76e-05	-1.12e-05	1.12e-05
317	2	1.09e-03	-0.01	-0.06	-9.07e-05	2.97e-04	3.34e-05
317	4	2.36e-04	-0.01	-0.06	-9.48e-05	3.00e-04	3.08e-05
317	6	-0.02	-0.02	-0.06	-1.18e-04	1.69e-05	5.42e-05
317	8	0.02	4.97e-03	3.87e-03	3.31e-05	4.76e-04	1.03e-05
317	14	-2.18e-03	-8.90e-03	-0.03	-6.02e-05	1.19e-04	2.59e-05
317	16	5.13e-03	-4.15e-03	-0.02	-3.06e-05	1.94e-04	1.52e-05
317	21	2.85e-03	-1.33e-04	0.02	1.35e-05	-8.62e-06	8.64e-06
317	22	1.28e-03	-7.30e-03	-0.03	-5.15e-05	1.76e-04	2.20e-05
317	23	2.85e-03	-1.33e-04	0.02	1.35e-05	-8.62e-06	8.64e-06
317	24	1.46e-03	-6.50e-03	-0.03	-4.42e-05	1.56e-04	2.05e-05
318	1	2.95e-03	-6.30e-04	0.04	-5.21e-05	-2.71e-04	0.0
318	2	1.01e-03	-9.70e-03	-0.08	-2.87e-05	2.71e-04	0.0
318	4	3.31e-04	-9.55e-03	-0.09	-1.67e-05	3.33e-04	0.0
318	5	-0.02	-0.01	-0.05	-9.26e-05	7.94e-06	0.0
318	6	-0.02	-0.01	-0.06	-1.01e-04	-1.32e-05	0.0
318	8	0.02	3.67e-03	-0.03	8.52e-05	2.35e-04	0.0
318	14	-2.37e-03	-7.12e-03	-0.04	-4.54e-05	5.66e-05	0.0
318	16	4.87e-03	-3.54e-03	-0.03	-1.18e-05	1.01e-04	0.0
318	21	2.27e-03	-4.85e-04	0.03	-4.00e-05	-2.09e-04	0.0
318	22	1.11e-03	-5.93e-03	-0.04	-2.60e-05	1.16e-04	0.0
318	23	2.27e-03	-4.85e-04	0.03	-4.00e-05	-2.09e-04	0.0
318	24	1.24e-03	-5.32e-03	-0.03	-2.76e-05	8.03e-05	0.0
319	1	2.57e-03	-9.91e-04	0.05	-1.17e-04	-3.13e-04	0.0
319	2	1.02e-03	-8.74e-03	-0.09	3.08e-06	2.44e-04	0.0
319	4	4.29e-04	-8.51e-03	-0.10	3.01e-05	3.17e-04	0.0
319	5	-0.02	-0.01	-0.05	-8.70e-05	7.03e-06	0.0
319	6	-0.02	-0.01	-0.05	-9.41e-05	-1.96e-05	0.0
319	8	0.02	2.94e-03	-0.03	9.53e-05	1.59e-04	0.0
319	13	-2.46e-03	-6.42e-03	-0.04	-4.17e-05	4.15e-05	0.0
319	14	-2.44e-03	-6.42e-03	-0.04	-4.36e-05	3.76e-05	0.0
319	16	4.77e-03	-3.37e-03	-0.04	-1.01e-05	7.15e-05	0.0
319	21	1.98e-03	-7.63e-04	0.04	-8.99e-05	-2.41e-04	0.0
319	22	1.05e-03	-5.41e-03	-0.05	-1.79e-05	9.37e-05	0.0
319	23	1.98e-03	-7.63e-04	0.04	-8.99e-05	-2.41e-04	0.0
319	24	1.15e-03	-4.89e-03	-0.04	-2.59e-05	5.65e-05	0.0
320	1	2.20e-03	-1.38e-03	0.06	-1.88e-04	-3.17e-04	0.0
320	2	1.07e-03	-7.94e-03	-0.10	3.00e-05	2.14e-04	0.0
320	4	5.58e-04	-7.62e-03	-0.12	7.33e-05	2.87e-04	0.0
320	5	-0.02	-0.01	-0.05	-8.19e-05	5.66e-06	0.0
320	6	-0.02	-0.01	-0.05	-8.81e-05	-2.27e-05	0.0
320	8	0.02	2.16e-03	-0.04	9.28e-05	1.05e-04	0.0
320	13	-2.51e-03	-5.85e-03	-0.04	-4.32e-05	2.82e-05	0.0
320	14	-2.49e-03	-5.83e-03	-0.04	-4.49e-05	2.40e-05	0.0
320	16	4.68e-03	-3.27e-03	-0.04	-1.35e-05	5.02e-05	0.0
320	21	1.69e-03	-1.06e-03	0.05	-1.45e-04	-2.44e-04	0.0
320	22	1.01e-03	-5.00e-03	-0.05	-1.38e-05	7.46e-05	0.0
320	23	1.69e-03	-1.06e-03	0.05	-1.45e-04	-2.44e-04	0.0
320	24	1.09e-03	-4.56e-03	-0.04	-2.83e-05	3.92e-05	0.0
321	1	1.82e-03	-1.76e-03	0.08	-2.58e-04	-2.94e-04	0.0
321	2	1.14e-03	-7.29e-03	-0.11	5.20e-05	1.80e-04	0.0
321	4	7.19e-04	-6.88e-03	-0.13	1.11e-04	2.48e-04	0.0
321	5	-0.02	-9.63e-03	-0.05	-7.60e-05	3.74e-06	0.0
321	8	0.02	1.34e-03	-0.04	8.13e-05	6.83e-05	0.0
321	13	-2.54e-03	-5.36e-03	-0.04	-4.63e-05	1.84e-05	0.0
321	14	-2.53e-03	-5.33e-03	-0.04	-4.79e-05	1.44e-05	0.0
321	16	4.62e-03	-3.24e-03	-0.04	-1.98e-05	3.50e-05	0.0
321	21	1.40e-03	-1.35e-03	0.06	-1.98e-04	-2.26e-04	0.0
321	22	9.93e-04	-4.67e-03	-0.05	-1.24e-05	5.84e-05	0.0
321	23	1.40e-03	-1.35e-03	0.06	-1.98e-04	-2.26e-04	0.0
321	24	1.04e-03	-4.30e-03	-0.04	-3.31e-05	2.67e-05	0.0
322	1	1.46e-03	-2.11e-03	0.09	-3.21e-04	-2.52e-04	0.0
322	2	1.24e-03	-6.79e-03	-0.12	6.93e-05	1.45e-04	0.0
322	4	9.05e-04	-6.31e-03	-0.14	1.43e-04	2.03e-04	0.0
322	5	-0.02	-8.34e-03	-0.05	-6.86e-05	1.24e-06	0.0
322	8	0.02	4.66e-04	-0.04	6.39e-05	4.43e-05	0.0
322	13	-2.56e-03	-4.96e-03	-0.04	-4.98e-05	1.12e-05	0.0
322	16	4.58e-03	-3.28e-03	-0.04	-2.77e-05	2.45e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
322	21	1.12e-03	-1.62e-03	0.07	-2.47e-04	-1.94e-04	0.0
322	22	9.92e-04	-4.43e-03	-0.06	-1.27e-05	4.44e-05	0.0
322	23	1.12e-03	-1.62e-03	0.07	-2.47e-04	-1.94e-04	0.0
322	24	1.01e-03	-4.12e-03	-0.04	-3.88e-05	1.79e-05	0.0
323	2	1.37e-03	-6.43e-03	-0.12	8.21e-05	1.09e-04	0.0
323	4	1.11e-03	-5.88e-03	-0.15	1.68e-04	1.55e-04	0.0
323	5	-0.02	-7.15e-03	-0.05	-5.90e-05	-1.91e-06	0.0
323	8	0.02	-4.43e-04	-0.05	4.32e-05	2.95e-05	0.0
323	9	-4.80e-03	-6.29e-03	-0.05	-4.02e-05	5.24e-05	0.0
323	13	-2.57e-03	-4.63e-03	-0.04	-5.28e-05	5.77e-06	0.0
323	16	4.55e-03	-3.36e-03	-0.04	-3.60e-05	1.72e-05	0.0
323	21	8.39e-04	-1.84e-03	0.08	-2.88e-04	-1.52e-04	0.0
323	22	1.00e-03	-4.27e-03	-0.06	-1.40e-05	3.20e-05	0.0
323	23	8.39e-04	-1.84e-03	0.08	-2.88e-04	-1.52e-04	0.0
323	24	9.86e-04	-4.00e-03	-0.04	-4.44e-05	1.15e-05	0.0
324	2	1.51e-03	-6.21e-03	-0.13	9.04e-05	7.28e-05	0.0
324	4	1.34e-03	-5.61e-03	-0.15	1.86e-04	1.04e-04	0.0
324	5	-0.02	-6.05e-03	-0.05	-4.72e-05	-5.81e-06	0.0
324	8	0.02	-1.39e-03	-0.05	2.11e-05	2.11e-05	0.0
324	9	-4.76e-03	-6.03e-03	-0.06	-4.00e-05	3.42e-05	0.0
324	13	-2.58e-03	-4.36e-03	-0.04	-5.47e-05	1.42e-06	0.0
324	16	4.53e-03	-3.50e-03	-0.04	-4.38e-05	1.21e-05	0.0
324	21	5.59e-04	-2.01e-03	0.08	-3.18e-04	-1.05e-04	0.0
324	22	1.03e-03	-4.17e-03	-0.06	-1.57e-05	2.07e-05	0.0
324	23	5.59e-04	-2.01e-03	0.08	-3.18e-04	-1.05e-04	0.0
324	24	9.76e-04	-3.93e-03	-0.04	-4.93e-05	6.74e-06	0.0
325	2	1.66e-03	-6.12e-03	-0.13	9.44e-05	3.62e-05	0.0
325	4	1.58e-03	-5.48e-03	-0.15	1.95e-04	5.22e-05	0.0
325	8	0.02	-2.38e-03	-0.05	0.0	1.72e-05	0.0
325	9	-4.71e-03	-5.77e-03	-0.06	-3.82e-05	1.49e-05	0.0
325	13	-2.58e-03	-4.14e-03	-0.04	-5.53e-05	-2.32e-06	0.0
325	16	4.52e-03	-3.68e-03	-0.04	-5.05e-05	8.38e-06	0.0
325	17	-9.61e-05	-4.07e-03	-0.04	-5.12e-05	2.96e-06	0.0
325	21	2.79e-04	-2.11e-03	0.08	-3.37e-04	-5.32e-05	0.0
325	22	1.06e-03	-4.13e-03	-0.06	-1.74e-05	1.01e-05	0.0
325	23	2.79e-04	-2.11e-03	0.08	-3.37e-04	-5.32e-05	0.0
325	24	9.73e-04	-3.91e-03	-0.04	-5.29e-05	3.03e-06	0.0
326	2	1.82e-03	-6.15e-03	-0.13	9.41e-05	0.0	0.0
326	4	1.82e-03	-5.51e-03	-0.16	1.97e-04	0.0	0.0
326	8	0.02	-3.42e-03	-0.05	-2.17e-05	1.63e-05	0.0
326	11	6.62e-03	-5.52e-03	-0.06	-3.47e-05	4.79e-06	0.0
326	16	4.52e-03	-3.91e-03	-0.04	-5.57e-05	5.57e-06	0.0
326	19	2.04e-03	-4.05e-03	-0.04	-5.23e-05	1.57e-06	0.0
326	21	0.0	-2.14e-03	0.09	-3.43e-04	0.0	0.0
326	22	1.09e-03	-4.16e-03	-0.06	-1.90e-05	0.0	0.0
326	23	0.0	-2.14e-03	0.09	-3.43e-04	0.0	0.0
326	24	9.73e-04	-3.94e-03	-0.04	-5.50e-05	0.0	0.0
327	2	1.99e-03	-6.31e-03	-0.13	8.98e-05	-3.66e-05	0.0
327	4	2.07e-03	-5.68e-03	-0.15	1.91e-04	-5.25e-05	0.0
327	7	0.02	-5.12e-03	-0.05	-3.53e-05	1.04e-05	0.0
327	11	6.66e-03	-5.88e-03	-0.06	-4.06e-05	-1.51e-05	0.0
327	15	4.52e-03	-4.25e-03	-0.04	-5.77e-05	2.15e-06	0.0
327	19	2.04e-03	-4.18e-03	-0.04	-5.37e-05	-3.14e-06	0.0
327	21	-2.79e-04	-2.11e-03	0.08	-3.37e-04	5.32e-05	0.0
327	22	1.13e-03	-4.25e-03	-0.06	-2.02e-05	-1.03e-05	0.0
327	23	-2.79e-04	-2.11e-03	0.08	-3.37e-04	5.32e-05	0.0
327	24	9.74e-04	-4.02e-03	-0.04	-5.53e-05	-3.21e-06	0.0
328	2	2.15e-03	-6.61e-03	-0.13	8.14e-05	-7.24e-05	0.0
328	4	2.32e-03	-6.01e-03	-0.15	1.77e-04	-1.04e-04	0.0
328	7	0.02	-6.26e-03	-0.05	-5.20e-05	6.02e-06	0.0
328	11	6.71e-03	-6.24e-03	-0.06	-4.48e-05	-3.40e-05	0.0
328	15	4.53e-03	-4.57e-03	-0.04	-5.95e-05	-1.21e-06	0.0
328	21	-5.59e-04	-2.01e-03	0.08	-3.18e-04	1.05e-04	0.0
328	22	1.17e-03	-4.41e-03	-0.06	-2.11e-05	-2.04e-05	0.0
328	23	-5.59e-04	-2.01e-03	0.08	-3.18e-04	1.05e-04	0.0
328	24	9.74e-04	-4.14e-03	-0.04	-5.41e-05	-6.53e-06	0.0
329	2	2.30e-03	-7.03e-03	-0.12	6.89e-05	-1.07e-04	0.0
329	4	2.55e-03	-6.48e-03	-0.15	1.55e-04	-1.53e-04	0.0
329	7	0.02	-7.47e-03	-0.05	-6.61e-05	2.83e-06	0.0
329	11	6.76e-03	-6.62e-03	-0.05	-4.72e-05	-5.15e-05	0.0
329	15	4.53e-03	-4.95e-03	-0.04	-5.98e-05	-4.85e-06	0.0
329	21	-8.39e-04	-1.84e-03	0.08	-2.88e-04	1.52e-04	0.0
329	22	1.20e-03	-4.63e-03	-0.06	-2.19e-05	-3.09e-05	0.0
329	23	-8.39e-04	-1.84e-03	0.08	-2.88e-04	1.52e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
329	24	9.69e-04	-4.32e-03	-0.04	-5.14e-05	-1.05e-05	0.0
330	2	2.44e-03	-7.60e-03	-0.12	5.25e-05	-1.41e-04	0.0
330	4	2.77e-03	-7.11e-03	-0.14	1.27e-04	-2.00e-04	0.0
330	7	0.02	-8.77e-03	-0.05	-7.75e-05	0.0	0.0
330	15	4.53e-03	-5.39e-03	-0.04	-5.87e-05	-9.15e-06	0.0
330	21	-1.12e-03	-1.62e-03	0.07	-2.47e-04	1.94e-04	0.0
330	22	1.22e-03	-4.92e-03	-0.06	-2.28e-05	-4.20e-05	0.0
330	23	-1.12e-03	-1.62e-03	0.07	-2.47e-04	1.94e-04	0.0
330	24	9.57e-04	-4.55e-03	-0.04	-4.77e-05	-1.58e-05	0.0
331	2	2.56e-03	-8.31e-03	-0.11	3.23e-05	-1.73e-04	0.0
331	4	2.98e-03	-7.91e-03	-0.13	9.18e-05	-2.41e-04	0.0
331	7	0.02	-0.01	-0.05	-8.66e-05	0.0	0.0
331	15	4.52e-03	-5.91e-03	-0.04	-5.68e-05	-1.46e-05	0.0
331	16	4.50e-03	-5.88e-03	-0.04	-5.84e-05	-1.06e-05	0.0
331	21	-1.40e-03	-1.35e-03	0.06	-1.98e-04	2.26e-04	0.0
331	22	1.23e-03	-5.29e-03	-0.05	-2.43e-05	-5.40e-05	0.0
331	23	-1.40e-03	-1.35e-03	0.06	-1.98e-04	2.26e-04	0.0
331	24	9.34e-04	-4.85e-03	-0.04	-4.36e-05	-2.29e-05	0.0
332	2	2.65e-03	-9.18e-03	-0.10	8.30e-06	-2.02e-04	0.0
332	4	3.16e-03	-8.86e-03	-0.12	5.17e-05	-2.75e-04	0.0
332	7	0.02	-0.01	-0.05	-9.34e-05	0.0	0.0
332	8	0.02	-0.01	-0.05	-9.96e-05	2.91e-05	0.0
332	15	4.49e-03	-6.51e-03	-0.04	-5.48e-05	-2.18e-05	0.0
332	16	4.48e-03	-6.49e-03	-0.04	-5.65e-05	-1.76e-05	0.0
332	21	-1.69e-03	-1.06e-03	0.05	-1.45e-04	2.44e-04	0.0
332	22	1.22e-03	-5.74e-03	-0.05	-2.68e-05	-6.73e-05	0.0
332	23	-1.69e-03	-1.06e-03	0.05	-1.45e-04	2.44e-04	0.0
332	24	8.98e-04	-5.22e-03	-0.04	-3.99e-05	-3.28e-05	0.0
333	2	2.72e-03	-0.01	-0.09	-1.92e-05	-2.26e-04	0.0
333	4	3.32e-03	-9.98e-03	-0.11	7.74e-06	-2.98e-04	0.0
333	7	0.02	-0.01	-0.05	-9.89e-05	3.04e-06	0.0
333	8	0.02	-0.01	-0.06	-1.06e-04	2.97e-05	0.0
333	15	4.46e-03	-7.21e-03	-0.04	-5.36e-05	-3.14e-05	0.0
333	16	4.44e-03	-7.20e-03	-0.04	-5.55e-05	-2.75e-05	0.0
333	21	-1.98e-03	-7.63e-04	0.04	-8.99e-05	2.41e-04	0.0
333	22	1.20e-03	-6.29e-03	-0.05	-3.13e-05	-8.23e-05	0.0
333	23	-1.98e-03	-7.63e-04	0.04	-8.99e-05	2.41e-04	0.0
333	24	8.45e-04	-5.68e-03	-0.04	-3.78e-05	-4.64e-05	0.0
334	2	2.76e-03	-0.01	-0.08	-5.00e-05	-2.42e-04	0.0
334	4	3.44e-03	-0.01	-0.09	-3.80e-05	-3.05e-04	0.0
334	7	0.02	-0.02	-0.05	-1.04e-04	7.17e-06	0.0
334	8	0.02	-0.02	-0.06	-1.12e-04	2.83e-05	0.0
334	15	4.41e-03	-8.01e-03	-0.04	-5.48e-05	-4.46e-05	0.0
334	16	4.38e-03	-8.03e-03	-0.04	-5.68e-05	-4.15e-05	0.0
334	21	-2.27e-03	-4.85e-04	0.03	-4.00e-05	2.09e-04	0.0
334	22	1.16e-03	-6.95e-03	-0.04	-3.88e-05	-9.94e-05	0.0
334	23	-2.27e-03	-4.85e-04	0.03	-4.00e-05	2.09e-04	0.0
334	24	7.75e-04	-6.23e-03	-0.04	-3.90e-05	-6.52e-05	0.0
335	2	2.76e-03	-0.01	-0.07	-8.65e-05	-2.49e-04	0.0
335	4	3.53e-03	-0.01	-0.08	-8.59e-05	-2.89e-04	0.0
335	7	0.02	-0.02	-0.05	-1.11e-04	1.32e-05	0.0
335	8	0.02	-0.02	-0.06	-1.21e-04	2.37e-05	0.0
335	15	4.34e-03	-8.95e-03	-0.04	-6.14e-05	-6.25e-05	0.0
335	16	4.31e-03	-8.98e-03	-0.04	-6.36e-05	-6.10e-05	0.0
335	21	-2.56e-03	-2.61e-04	0.02	-2.08e-06	1.36e-04	0.0
335	22	1.09e-03	-7.72e-03	-0.04	-5.24e-05	-1.19e-04	0.0
335	23	-2.56e-03	-2.61e-04	0.02	-2.08e-06	1.36e-04	0.0
335	24	6.87e-04	-6.89e-03	-0.03	-4.68e-05	-9.08e-05	0.0
336	1	-3.71e-03	-1.73e-04	0.02	1.76e-05	1.12e-05	-1.12e-05
336	2	2.74e-03	-0.01	-0.06	-1.06e-04	-2.40e-04	-3.57e-05
336	4	3.59e-03	-0.01	-0.07	-1.10e-04	-2.42e-04	-3.31e-05
336	7	0.02	-0.02	-0.06	-1.16e-04	2.04e-05	-5.46e-05
336	8	0.02	-0.02	-0.06	-1.27e-04	1.37e-05	-5.54e-05
336	15	4.25e-03	-0.01	-0.03	-6.61e-05	-8.68e-05	-2.70e-05
336	16	4.22e-03	-0.01	-0.03	-6.85e-05	-8.79e-05	-2.71e-05
336	21	-2.85e-03	-1.33e-04	0.02	1.35e-05	8.62e-06	-8.64e-06
336	22	1.01e-03	-8.62e-03	-0.03	-6.07e-05	-1.42e-04	-2.33e-05
336	23	-2.85e-03	-1.33e-04	0.02	1.35e-05	8.62e-06	-8.64e-06
336	24	5.84e-04	-7.68e-03	-0.03	-5.25e-05	-1.25e-04	-2.17e-05
337	1	3.17e-03	-4.64e-04	0.03	-5.09e-06	-1.38e-04	0.0
337	2	5.71e-04	-0.01	-0.07	-6.35e-05	2.47e-04	0.0
337	4	-1.61e-04	-0.01	-0.08	-6.23e-05	2.79e-04	0.0
337	6	-0.02	-0.02	-0.06	-1.13e-04	-1.39e-05	0.0
337	8	0.02	4.38e-03	-0.01	5.96e-05	2.99e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
337	14	-2.87e-03	-8.13e-03	-0.04	-5.26e-05	7.11e-05	0.0
337	16	5.00e-03	-3.89e-03	-0.03	-2.00e-05	1.26e-04	0.0
337	21	2.44e-03	-3.57e-04	0.02	-3.92e-06	-1.06e-04	0.0
337	22	8.79e-04	-6.70e-03	-0.04	-3.90e-05	1.25e-04	0.0
337	23	2.44e-03	-3.57e-04	0.02	-3.92e-06	-1.06e-04	0.0
337	24	1.05e-03	-5.99e-03	-0.03	-3.51e-05	9.94e-05	0.0
338	1	3.50e-03	-2.97e-04	0.02	1.65e-05	-7.74e-06	1.22e-05
338	2	5.92e-04	-0.01	-0.06	-8.79e-05	2.47e-04	3.81e-05
338	4	-2.15e-04	-0.01	-0.07	-9.17e-05	2.49e-04	3.52e-05
338	6	-0.02	-0.02	-0.06	-1.20e-04	-2.77e-06	5.71e-05
338	8	0.02	4.95e-03	4.36e-03	3.63e-05	4.09e-04	1.64e-05
338	14	-2.79e-03	-9.11e-03	-0.03	-5.95e-05	9.58e-05	2.86e-05
338	16	5.10e-03	-4.27e-03	-0.02	-2.90e-05	1.65e-04	1.81e-05
338	21	2.69e-03	-2.28e-04	0.02	1.27e-05	-5.95e-06	9.39e-06
338	22	9.47e-04	-7.46e-03	-0.03	-5.00e-05	1.47e-04	2.49e-05
338	23	2.69e-03	-2.28e-04	0.02	1.27e-05	-5.95e-06	9.39e-06
338	24	1.14e-03	-6.66e-03	-0.03	-4.30e-05	1.30e-04	2.32e-05
339	1	2.84e-03	-7.78e-04	0.03	-5.73e-05	-2.11e-04	0.0
339	2	5.89e-04	-9.88e-03	-0.08	-1.89e-05	2.34e-04	0.0
339	4	-6.59e-05	-9.70e-03	-0.09	-5.64e-06	2.83e-04	0.0
339	5	-0.02	-0.01	-0.06	-9.04e-05	0.0	0.0
339	6	-0.02	-0.01	-0.06	-1.02e-04	-2.12e-05	0.0
339	8	0.02	3.74e-03	-0.02	9.40e-05	2.16e-04	0.0
339	14	-2.93e-03	-7.30e-03	-0.04	-4.24e-05	5.19e-05	0.0
339	16	4.91e-03	-3.63e-03	-0.03	-7.14e-06	9.53e-05	0.0
339	21	2.18e-03	-5.99e-04	0.03	-4.41e-05	-1.62e-04	0.0
339	22	8.34e-04	-6.06e-03	-0.04	-2.10e-05	1.05e-04	0.0
339	23	2.18e-03	-5.99e-04	0.03	-4.41e-05	-1.62e-04	0.0
339	24	9.84e-04	-5.45e-03	-0.04	-2.36e-05	7.52e-05	0.0
340	1	2.50e-03	-1.17e-03	0.04	-1.26e-04	-2.43e-04	0.0
340	2	6.50e-04	-8.91e-03	-0.09	1.76e-05	2.13e-04	0.0
340	4	7.23e-05	-8.64e-03	-0.10	4.66e-05	2.69e-04	0.0
340	5	-0.02	-0.01	-0.06	-8.25e-05	0.0	0.0
340	6	-0.02	-0.01	-0.06	-9.40e-05	-2.60e-05	0.0
340	8	0.02	3.02e-03	-0.03	1.06e-04	1.56e-04	0.0
340	13	-2.98e-03	-6.60e-03	-0.04	-3.66e-05	4.10e-05	0.0
340	14	-2.96e-03	-6.60e-03	-0.04	-3.91e-05	3.70e-05	0.0
340	16	4.85e-03	-3.46e-03	-0.04	-3.92e-06	7.21e-05	0.0
340	21	1.93e-03	-9.03e-04	0.03	-9.67e-05	-1.87e-04	0.0
340	22	8.13e-04	-5.55e-03	-0.05	-1.07e-05	8.69e-05	0.0
340	23	1.93e-03	-9.03e-04	0.03	-9.67e-05	-1.87e-04	0.0
340	24	9.37e-04	-5.03e-03	-0.04	-2.03e-05	5.65e-05	0.0
341	1	2.16e-03	-1.60e-03	0.06	-2.00e-04	-2.45e-04	0.0
341	2	7.52e-04	-8.12e-03	-0.10	4.90e-05	1.88e-04	0.0
341	4	2.53e-04	-7.75e-03	-0.11	9.52e-05	2.44e-04	0.0
341	5	-0.02	-0.01	-0.06	-7.46e-05	0.0	0.0
341	6	-0.02	-0.01	-0.06	-8.70e-05	-2.90e-05	0.0
341	8	0.02	2.23e-03	-0.03	1.04e-04	1.13e-04	0.0
341	13	-2.99e-03	-6.03e-03	-0.04	-3.64e-05	2.99e-05	0.0
341	14	-2.98e-03	-6.01e-03	-0.04	-3.90e-05	2.58e-05	0.0
341	16	4.81e-03	-3.38e-03	-0.04	-5.83e-06	5.47e-05	0.0
341	21	1.66e-03	-1.23e-03	0.04	-1.54e-04	-1.88e-04	0.0
341	22	8.17e-04	-5.14e-03	-0.05	-4.48e-06	7.11e-05	0.0
341	23	1.66e-03	-1.23e-03	0.04	-1.54e-04	-1.88e-04	0.0
341	24	9.11e-04	-4.71e-03	-0.04	-2.11e-05	4.23e-05	0.0
342	1	1.82e-03	-2.02e-03	0.07	-2.73e-04	-2.26e-04	0.0
342	2	8.93e-04	-7.47e-03	-0.11	7.51e-05	1.59e-04	0.0
342	4	4.74e-04	-7.01e-03	-0.12	1.38e-04	2.11e-04	0.0
342	5	-0.02	-9.95e-03	-0.06	-6.58e-05	-4.08e-06	0.0
342	8	0.02	1.37e-03	-0.04	9.22e-05	8.33e-05	0.0
342	13	-2.98e-03	-5.55e-03	-0.04	-3.77e-05	2.11e-05	0.0
342	14	-2.97e-03	-5.52e-03	-0.04	-4.05e-05	1.71e-05	0.0
342	16	4.79e-03	-3.37e-03	-0.04	-1.10e-05	4.18e-05	0.0
342	21	1.40e-03	-1.55e-03	0.05	-2.10e-04	-1.74e-04	0.0
342	22	8.43e-04	-4.83e-03	-0.05	-1.16e-06	5.71e-05	0.0
342	23	1.40e-03	-1.55e-03	0.05	-2.10e-04	-1.74e-04	0.0
342	24	9.05e-04	-4.46e-03	-0.04	-2.44e-05	3.15e-05	0.0
343	1	1.46e-03	-2.39e-03	0.07	-3.39e-04	-1.94e-04	0.0
343	2	1.07e-03	-6.98e-03	-0.11	9.58e-05	1.29e-04	0.0
343	4	7.30e-04	-6.43e-03	-0.13	1.74e-04	1.74e-04	0.0
343	5	-0.02	-8.65e-03	-0.06	-5.55e-05	-8.35e-06	0.0
343	8	0.02	4.65e-04	-0.04	7.44e-05	6.38e-05	0.0
343	13	-2.96e-03	-5.16e-03	-0.05	-3.97e-05	1.39e-05	0.0
343	14	-2.96e-03	-5.11e-03	-0.05	-4.27e-05	1.04e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
343	16	4.79e-03	-3.42e-03	-0.04	-1.79e-05	3.22e-05	0.0
343	21	1.12e-03	-1.84e-03	0.06	-2.60e-04	-1.49e-04	0.0
343	22	8.88e-04	-4.59e-03	-0.06	0.0	4.46e-05	0.0
343	23	1.12e-03	-1.84e-03	0.06	-2.60e-04	-1.49e-04	0.0
343	24	9.14e-04	-4.29e-03	-0.04	-2.88e-05	2.31e-05	0.0
344	2	1.27e-03	-6.63e-03	-0.12	1.11e-04	9.78e-05	0.0
344	4	1.01e-03	-6.01e-03	-0.14	2.02e-04	1.33e-04	0.0
344	5	-0.02	-7.44e-03	-0.06	-4.35e-05	-1.35e-05	0.0
344	8	0.02	-4.81e-04	-0.04	5.31e-05	5.12e-05	0.0
344	13	-2.93e-03	-4.83e-03	-0.05	-4.14e-05	7.78e-06	0.0
344	16	4.80e-03	-3.52e-03	-0.04	-2.54e-05	2.49e-05	0.0
344	21	8.49e-04	-2.08e-03	0.06	-3.02e-04	-1.17e-04	0.0
344	22	9.48e-04	-4.44e-03	-0.06	0.0	3.30e-05	0.0
344	23	8.49e-04	-2.08e-03	0.06	-3.02e-04	-1.17e-04	0.0
344	24	9.37e-04	-4.18e-03	-0.04	-3.34e-05	1.63e-05	0.0
345	2	1.49e-03	-6.41e-03	-0.12	1.21e-04	6.61e-05	0.0
345	4	1.32e-03	-5.74e-03	-0.14	2.22e-04	9.00e-05	0.0
345	8	0.02	-1.47e-03	-0.05	3.03e-05	4.34e-05	0.0
345	9	-5.18e-03	-6.42e-03	-0.06	1.50e-06	3.19e-05	0.0
345	13	-2.89e-03	-4.56e-03	-0.05	-4.24e-05	2.32e-06	0.0
345	16	4.83e-03	-3.67e-03	-0.04	-3.26e-05	1.91e-05	0.0
345	21	5.69e-04	-2.26e-03	0.07	-3.34e-04	-8.00e-05	0.0
345	22	1.02e-03	-4.35e-03	-0.06	0.0	2.20e-05	0.0
345	23	5.69e-04	-2.26e-03	0.07	-3.34e-04	-8.00e-05	0.0
345	24	9.69e-04	-4.11e-03	-0.04	-3.75e-05	1.07e-05	0.0
346	2	1.72e-03	-6.33e-03	-0.12	1.27e-04	3.41e-05	0.0
346	4	1.64e-03	-5.61e-03	-0.15	2.32e-04	4.63e-05	0.0
346	8	0.02	-2.49e-03	-0.05	7.51e-06	3.89e-05	0.0
346	9	-5.12e-03	-6.17e-03	-0.06	5.57e-06	1.15e-05	0.0
346	13	-2.85e-03	-4.34e-03	-0.05	-4.23e-05	-2.81e-06	0.0
346	16	4.86e-03	-3.86e-03	-0.04	-3.91e-05	1.43e-05	0.0
346	17	-1.52e-04	-4.28e-03	-0.05	-3.60e-05	4.65e-06	0.0
346	21	2.85e-04	-2.37e-03	0.07	-3.53e-04	-4.06e-05	0.0
346	22	1.10e-03	-4.32e-03	-0.06	-1.67e-06	1.15e-05	0.0
346	23	2.85e-04	-2.37e-03	0.07	-3.53e-04	-4.06e-05	0.0
346	24	1.01e-03	-4.10e-03	-0.05	-4.07e-05	5.73e-06	0.0
347	2	1.97e-03	-6.37e-03	-0.13	1.27e-04	2.04e-06	0.0
347	4	1.97e-03	-5.64e-03	-0.15	2.34e-04	2.04e-06	0.0
347	8	0.02	-3.57e-03	-0.05	-1.42e-05	3.64e-05	0.0
347	11	7.16e-03	-5.91e-03	-0.06	1.00e-05	1.17e-05	0.0
347	16	4.90e-03	-4.10e-03	-0.05	-4.44e-05	1.00e-05	0.0
347	19	2.21e-03	-4.26e-03	-0.05	-3.69e-05	3.76e-06	0.0
347	21	0.0	-2.41e-03	0.07	-3.59e-04	0.0	0.0
347	22	1.18e-03	-4.35e-03	-0.06	-3.05e-06	1.22e-06	0.0
347	23	0.0	-2.41e-03	0.07	-3.59e-04	0.0	0.0
347	24	1.05e-03	-4.13e-03	-0.05	-4.26e-05	1.09e-06	0.0
348	2	2.21e-03	-6.53e-03	-0.13	1.22e-04	-2.98e-05	0.0
348	4	2.30e-03	-5.82e-03	-0.15	2.28e-04	-4.20e-05	0.0
348	7	0.02	-5.37e-03	-0.05	-1.62e-05	2.87e-05	0.0
348	11	7.21e-03	-6.28e-03	-0.06	3.03e-06	-9.27e-06	0.0
348	15	4.95e-03	-4.45e-03	-0.05	-4.48e-05	5.06e-06	0.0
348	19	2.25e-03	-4.39e-03	-0.05	-3.85e-05	-2.39e-06	0.0
348	21	-2.85e-04	-2.37e-03	0.07	-3.53e-04	4.06e-05	0.0
348	22	1.26e-03	-4.44e-03	-0.06	-4.53e-06	-8.98e-06	0.0
348	23	-2.85e-04	-2.37e-03	0.07	-3.53e-04	4.06e-05	0.0
348	24	1.09e-03	-4.21e-03	-0.05	-4.32e-05	-3.47e-06	0.0
349	2	2.45e-03	-6.83e-03	-0.12	1.12e-04	-6.13e-05	0.0
349	4	2.62e-03	-6.15e-03	-0.14	2.12e-04	-8.53e-05	0.0
349	7	0.02	-6.54e-03	-0.06	-3.45e-05	2.21e-05	0.0
349	11	7.28e-03	-6.64e-03	-0.06	-3.51e-06	-2.93e-05	0.0
349	15	4.99e-03	-4.78e-03	-0.05	-4.74e-05	0.0	0.0
349	21	-5.69e-04	-2.26e-03	0.07	-3.34e-04	8.00e-05	0.0
349	22	1.34e-03	-4.59e-03	-0.06	-6.14e-06	-1.92e-05	0.0
349	23	-5.69e-04	-2.26e-03	0.07	-3.34e-04	8.00e-05	0.0
349	24	1.13e-03	-4.33e-03	-0.05	-4.25e-05	-8.18e-06	0.0
350	2	2.68e-03	-7.25e-03	-0.12	9.75e-05	-9.21e-05	0.0
350	4	2.93e-03	-6.63e-03	-0.14	1.88e-04	-1.27e-04	0.0
350	7	0.02	-7.78e-03	-0.06	-5.08e-05	1.66e-05	0.0
350	15	5.04e-03	-5.16e-03	-0.05	-4.87e-05	-4.74e-06	0.0
350	21	-8.49e-04	-2.08e-03	0.06	-3.02e-04	1.17e-04	0.0
350	22	1.42e-03	-4.81e-03	-0.06	-8.01e-06	-2.96e-05	0.0
350	23	-8.49e-04	-2.08e-03	0.06	-3.02e-04	1.17e-04	0.0
350	24	1.17e-03	-4.51e-03	-0.04	-4.07e-05	-1.33e-05	0.0
351	2	2.89e-03	-7.82e-03	-0.12	7.82e-05	-1.22e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
351	4	3.23e-03	-7.27e-03	-0.13	1.56e-04	-1.66e-04	0.0
351	7	0.02	-9.09e-03	-0.06	-6.49e-05	1.22e-05	0.0
351	15	5.07e-03	-5.60e-03	-0.05	-4.91e-05	-1.00e-05	0.0
351	16	5.07e-03	-5.55e-03	-0.05	-5.21e-05	-6.55e-06	0.0
351	21	-1.12e-03	-1.84e-03	0.06	-2.60e-04	1.49e-04	0.0
351	22	1.49e-03	-5.10e-03	-0.06	-1.04e-05	-4.02e-05	0.0
351	23	-1.12e-03	-1.84e-03	0.06	-2.60e-04	1.49e-04	0.0
351	24	1.20e-03	-4.73e-03	-0.04	-3.82e-05	-1.92e-05	0.0
352	2	3.08e-03	-8.53e-03	-0.11	5.44e-05	-1.49e-04	0.0
352	4	3.50e-03	-8.06e-03	-0.12	1.17e-04	-2.02e-04	0.0
352	7	0.02	-0.01	-0.06	-7.69e-05	9.27e-06	0.0
352	15	5.10e-03	-6.11e-03	-0.04	-4.88e-05	-1.59e-05	0.0
352	16	5.09e-03	-6.08e-03	-0.05	-5.16e-05	-1.19e-05	0.0
352	22	1.54e-03	-5.46e-03	-0.05	-1.36e-05	-5.13e-05	0.0
352	23	-1.40e-03	-1.55e-03	0.05	-2.10e-04	1.74e-04	0.0
352	24	1.21e-03	-5.02e-03	-0.04	-3.54e-05	-2.63e-05	0.0
353	2	3.24e-03	-9.39e-03	-0.10	2.62e-05	-1.74e-04	0.0
353	4	3.74e-03	-9.02e-03	-0.12	7.24e-05	-2.31e-04	0.0
353	7	0.02	-0.01	-0.06	-8.68e-05	8.07e-06	0.0
353	8	0.02	-0.01	-0.06	-9.91e-05	3.62e-05	0.0
353	15	5.11e-03	-6.71e-03	-0.04	-4.85e-05	-2.27e-05	0.0
353	16	5.10e-03	-6.69e-03	-0.04	-5.11e-05	-1.86e-05	0.0
353	21	-1.66e-03	-1.23e-03	0.04	-1.54e-04	1.88e-04	0.0
353	22	1.58e-03	-5.91e-03	-0.05	-1.82e-05	-6.31e-05	0.0
353	23	-1.66e-03	-1.23e-03	0.04	-1.54e-04	1.88e-04	0.0
353	24	1.22e-03	-5.39e-03	-0.04	-3.32e-05	-3.51e-05	0.0
354	2	3.36e-03	-0.01	-0.09	-5.88e-06	-1.95e-04	0.0
354	4	3.94e-03	-0.01	-0.10	2.31e-05	-2.51e-04	0.0
354	7	0.02	-0.01	-0.06	-9.50e-05	9.15e-06	0.0
354	8	0.02	-0.01	-0.06	-1.06e-04	3.60e-05	0.0
354	15	5.11e-03	-7.40e-03	-0.04	-4.91e-05	-3.10e-05	0.0
354	16	5.10e-03	-7.40e-03	-0.04	-5.16e-05	-2.70e-05	0.0
354	21	-1.93e-03	-9.03e-04	0.03	-9.67e-05	1.87e-04	0.0
354	22	1.59e-03	-6.45e-03	-0.05	-2.48e-05	-7.57e-05	0.0
354	23	-1.93e-03	-9.03e-04	0.03	-9.67e-05	1.87e-04	0.0
354	24	1.20e-03	-5.84e-03	-0.04	-3.28e-05	-4.65e-05	0.0
355	2	3.44e-03	-0.01	-0.09	-4.12e-05	-2.08e-04	0.0
355	4	4.10e-03	-0.01	-0.09	-2.80e-05	-2.57e-04	0.0
355	7	0.02	-0.02	-0.06	-1.02e-04	1.34e-05	0.0
355	8	0.02	-0.02	-0.06	-1.14e-04	3.52e-05	0.0
355	15	5.09e-03	-8.21e-03	-0.04	-5.19e-05	-4.10e-05	0.0
355	16	5.08e-03	-8.23e-03	-0.04	-5.43e-05	-3.78e-05	0.0
355	21	-2.18e-03	-5.99e-04	0.03	-4.41e-05	1.62e-04	0.0
355	22	1.58e-03	-7.11e-03	-0.05	-3.44e-05	-8.91e-05	0.0
355	23	-2.18e-03	-5.99e-04	0.03	-4.41e-05	1.62e-04	0.0
355	24	1.17e-03	-6.38e-03	-0.04	-3.55e-05	-6.11e-05	0.0
356	2	3.48e-03	-0.01	-0.08	-8.21e-05	-2.11e-04	0.0
356	4	4.21e-03	-0.01	-0.08	-8.09e-05	-2.42e-04	0.0
356	7	0.02	-0.02	-0.06	-1.11e-04	2.18e-05	0.0
356	8	0.02	-0.02	-0.06	-1.23e-04	3.34e-05	0.0
356	15	5.05e-03	-9.15e-03	-0.04	-6.00e-05	-5.33e-05	0.0
356	16	5.03e-03	-9.19e-03	-0.04	-6.25e-05	-5.16e-05	0.0
356	21	-2.44e-03	-3.57e-04	0.02	-3.92e-06	1.06e-04	0.0
356	22	1.55e-03	-7.89e-03	-0.04	-5.01e-05	-1.03e-04	0.0
356	23	-2.44e-03	-3.57e-04	0.02	-3.92e-06	1.06e-04	0.0
356	24	1.11e-03	-7.05e-03	-0.03	-4.50e-05	-7.99e-05	0.0
357	2	3.48e-03	-0.01	-0.07	-1.04e-04	-1.97e-04	-3.98e-05
357	4	4.29e-03	-0.01	-0.07	-1.08e-04	-1.99e-04	-3.70e-05
357	7	0.02	-0.02	-0.06	-1.16e-04	3.55e-05	-5.61e-05
357	8	0.02	-0.02	-0.06	-1.28e-04	2.95e-05	-5.81e-05
357	15	4.99e-03	-0.01	-0.04	-6.55e-05	-6.81e-05	-2.92e-05
357	16	4.97e-03	-0.01	-0.04	-6.80e-05	-6.90e-05	-2.95e-05
357	21	-2.69e-03	-2.28e-04	0.02	1.27e-05	5.95e-06	-9.39e-06
357	22	1.50e-03	-8.81e-03	-0.04	-5.95e-05	-1.17e-04	-2.60e-05
357	23	-2.69e-03	-2.28e-04	0.02	1.27e-05	5.95e-06	-9.39e-06
357	24	1.03e-03	-7.85e-03	-0.03	-5.15e-05	-1.03e-04	-2.41e-05
358	1	3.06e-03	-5.61e-04	0.03	-4.07e-06	-9.77e-05	0.0
358	2	-1.28e-05	-0.01	-0.07	-5.90e-05	2.01e-04	0.0
358	4	-7.19e-04	-0.01	-0.08	-5.80e-05	2.24e-04	0.0
358	6	-0.02	-0.02	-0.07	-1.13e-04	-2.64e-05	0.0
358	8	0.02	4.42e-03	-7.55e-03	6.28e-05	2.57e-04	0.0
358	14	-3.51e-03	-8.27e-03	-0.04	-5.05e-05	5.79e-05	0.0
358	16	4.95e-03	-3.96e-03	-0.03	-1.72e-05	1.09e-04	0.0
358	21	2.35e-03	-4.32e-04	0.02	-3.13e-06	-7.52e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
358	22	5.10e-04	-6.80e-03	-0.04	-3.61e-05	1.04e-04	0.0
358	23	2.35e-03	-4.32e-04	0.02	-3.13e-06	-7.52e-05	0.0
358	24	7.15e-04	-6.10e-03	-0.03	-3.24e-05	8.43e-05	0.0
359	1	3.32e-03	-3.59e-04	0.02	1.72e-05	-5.86e-06	1.19e-05
359	2	-3.79e-05	-0.01	-0.07	-8.50e-05	1.94e-04	4.15e-05
359	4	-8.04e-04	-0.01	-0.07	-8.89e-05	1.96e-04	3.87e-05
359	6	-0.02	-0.02	-0.07	-1.20e-04	-2.31e-05	5.96e-05
359	8	0.02	4.91e-03	4.89e-03	3.86e-05	3.37e-04	2.05e-05
359	14	-3.47e-03	-9.27e-03	-0.04	-5.82e-05	7.14e-05	3.04e-05
359	16	5.01e-03	-4.35e-03	-0.02	-2.71e-05	1.34e-04	2.00e-05
359	21	2.55e-03	-2.76e-04	0.02	1.33e-05	-4.51e-06	9.16e-06
359	22	5.39e-04	-7.59e-03	-0.04	-4.81e-05	1.16e-04	2.69e-05
359	23	2.55e-03	-2.76e-04	0.02	1.33e-05	-4.51e-06	9.16e-06
359	24	7.63e-04	-6.77e-03	-0.03	-4.13e-05	1.02e-04	2.49e-05
360	1	2.79e-03	-9.22e-04	0.03	-5.52e-05	-1.49e-04	0.0
360	2	6.14e-05	-0.01	-0.08	-1.09e-05	1.94e-04	0.0
360	4	-5.82e-04	-9.81e-03	-0.09	1.85e-06	2.28e-04	0.0
360	5	-0.02	-0.01	-0.06	-8.54e-05	-9.35e-06	0.0
360	6	-0.02	-0.01	-0.06	-1.01e-04	-3.01e-05	0.0
360	8	0.02	3.81e-03	-0.02	9.85e-05	1.96e-04	0.0
360	14	-3.53e-03	-7.44e-03	-0.04	-3.84e-05	4.54e-05	0.0
360	16	4.92e-03	-3.70e-03	-0.03	-2.31e-06	8.78e-05	0.0
360	21	2.15e-03	-7.09e-04	0.02	-4.24e-05	-1.15e-04	0.0
360	22	5.09e-04	-6.17e-03	-0.04	-1.59e-05	9.10e-05	0.0
360	23	2.15e-03	-7.09e-04	0.02	-4.24e-05	-1.15e-04	0.0
360	24	6.91e-04	-5.56e-03	-0.04	-1.88e-05	6.81e-05	0.0
361	1	2.50e-03	-1.37e-03	0.04	-1.22e-04	-1.71e-04	0.0
361	2	1.88e-04	-9.06e-03	-0.09	2.97e-05	1.78e-04	0.0
361	4	-3.89e-04	-8.74e-03	-0.10	5.79e-05	2.17e-04	0.0
361	5	-0.02	-0.01	-0.06	-7.35e-05	-8.81e-06	0.0
361	6	-0.02	-0.01	-0.06	-9.17e-05	-3.37e-05	0.0
361	8	0.02	3.09e-03	-0.02	1.11e-04	1.51e-04	0.0
361	13	-3.52e-03	-6.75e-03	-0.04	-2.92e-05	3.81e-05	0.0
361	14	-3.52e-03	-6.75e-03	-0.04	-3.27e-05	3.45e-05	0.0
361	16	4.90e-03	-3.55e-03	-0.04	3.22e-06	7.07e-05	0.0
361	21	1.92e-03	-1.05e-03	0.03	-9.40e-05	-1.32e-04	0.0
361	22	5.36e-04	-5.66e-03	-0.05	-2.86e-06	7.77e-05	0.0
361	23	1.92e-03	-1.05e-03	0.03	-9.40e-05	-1.32e-04	0.0
361	24	6.90e-04	-5.15e-03	-0.04	-1.30e-05	5.44e-05	0.0
362	1	2.19e-03	-1.84e-03	0.05	-1.95e-04	-1.72e-04	0.0
362	2	3.65e-04	-8.27e-03	-0.10	6.54e-05	1.57e-04	0.0
362	4	-1.41e-04	-7.84e-03	-0.11	1.10e-04	1.97e-04	0.0
362	5	-0.02	-0.01	-0.06	-6.10e-05	-1.12e-05	0.0
362	6	-0.02	-0.01	-0.06	-8.28e-05	-3.69e-05	0.0
362	7	0.02	1.92e-03	-0.03	1.32e-04	1.46e-04	0.0
362	13	-3.49e-03	-6.20e-03	-0.04	-2.59e-05	2.92e-05	0.0
362	14	-3.49e-03	-6.17e-03	-0.05	-2.99e-05	2.55e-05	0.0
362	15	4.91e-03	-3.52e-03	-0.04	7.76e-06	6.11e-05	0.0
362	21	1.69e-03	-1.41e-03	0.04	-1.50e-04	-1.32e-04	0.0
362	22	5.90e-04	-5.27e-03	-0.05	6.28e-06	6.53e-05	0.0
362	23	1.69e-03	-1.41e-03	0.04	-1.50e-04	-1.32e-04	0.0
362	24	7.12e-04	-4.84e-03	-0.04	-1.11e-05	4.33e-05	0.0
363	1	1.87e-03	-2.30e-03	0.05	-2.65e-04	-1.58e-04	0.0
363	2	5.87e-04	-7.64e-03	-0.10	9.54e-05	1.34e-04	0.0
363	4	1.56e-04	-7.11e-03	-0.12	1.57e-04	1.71e-04	0.0
363	5	-0.02	-0.01	-0.06	-4.78e-05	-1.55e-05	0.0
363	6	-0.02	-9.76e-03	-0.06	-7.32e-05	-3.97e-05	0.0
363	7	0.02	9.01e-04	-0.03	1.25e-04	1.22e-04	0.0
363	13	-3.44e-03	-5.73e-03	-0.05	-2.43e-05	2.15e-05	0.0
363	14	-3.44e-03	-5.69e-03	-0.05	-2.88e-05	1.79e-05	0.0
363	15	4.94e-03	-3.54e-03	-0.04	5.58e-06	5.05e-05	0.0
363	21	1.44e-03	-1.77e-03	0.04	-2.04e-04	-1.22e-04	0.0
363	22	6.68e-04	-4.97e-03	-0.05	1.24e-05	5.37e-05	0.0
363	23	1.44e-03	-1.77e-03	0.04	-2.04e-04	-1.22e-04	0.0
363	24	7.53e-04	-4.62e-03	-0.04	-1.16e-05	3.42e-05	0.0
364	1	1.52e-03	-2.71e-03	0.06	-3.28e-04	-1.35e-04	0.0
364	2	8.47e-04	-7.16e-03	-0.11	1.20e-04	1.10e-04	0.0
364	4	4.96e-04	-6.54e-03	-0.12	1.95e-04	1.41e-04	0.0
364	5	-0.02	-8.94e-03	-0.06	-3.36e-05	-2.11e-05	0.0
364	7	0.02	-1.43e-04	-0.04	1.11e-04	1.04e-04	0.0
364	13	-3.37e-03	-5.35e-03	-0.05	-2.36e-05	1.46e-05	0.0
364	14	-3.37e-03	-5.29e-03	-0.05	-2.86e-05	1.15e-05	0.0
364	15	4.99e-03	-3.62e-03	-0.04	1.42e-06	4.16e-05	0.0
364	21	1.17e-03	-2.08e-03	0.05	-2.52e-04	-1.04e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
364	22	7.65e-04	-4.75e-03	-0.06	1.63e-05	4.29e-05	0.0
364	23	1.17e-03	-2.08e-03	0.05	-2.52e-04	-1.04e-04	0.0
364	24	8.10e-04	-4.46e-03	-0.04	-1.36e-05	2.66e-05	0.0
365	1	1.16e-03	-3.05e-03	0.07	-3.80e-04	-1.06e-04	0.0
365	2	1.14e-03	-6.82e-03	-0.11	1.38e-04	8.40e-05	0.0
365	4	8.70e-04	-6.12e-03	-0.13	2.26e-04	1.08e-04	0.0
365	5	-0.02	-7.73e-03	-0.06	-1.83e-05	-2.77e-05	0.0
365	7	0.02	-1.21e-03	-0.04	9.39e-05	8.95e-05	0.0
365	13	-3.30e-03	-5.03e-03	-0.05	-2.31e-05	8.23e-06	0.0
365	14	-3.30e-03	-4.96e-03	-0.05	-2.86e-05	5.77e-06	0.0
365	15	5.06e-03	-3.75e-03	-0.04	-3.74e-06	3.40e-05	0.0
365	21	8.90e-04	-2.34e-03	0.05	-2.93e-04	-8.12e-05	0.0
365	22	8.78e-04	-4.61e-03	-0.06	1.84e-05	3.25e-05	0.0
365	23	8.90e-04	-2.34e-03	0.05	-2.93e-04	-8.12e-05	0.0
365	24	8.79e-04	-4.36e-03	-0.05	-1.62e-05	1.99e-05	0.0
366	2	1.45e-03	-6.61e-03	-0.12	1.50e-04	5.77e-05	0.0
366	4	1.27e-03	-5.85e-03	-0.13	2.47e-04	7.44e-05	0.0
366	5	-0.02	-6.59e-03	-0.06	-2.06e-06	-3.52e-05	0.0
366	7	0.02	-2.28e-03	-0.05	7.43e-05	7.73e-05	0.0
366	9	-5.58e-03	-6.82e-03	-0.06	6.34e-05	2.61e-05	0.0
366	13	-3.21e-03	-4.76e-03	-0.05	-2.23e-05	2.12e-06	0.0
366	14	-3.22e-03	-4.69e-03	-0.05	-2.82e-05	0.0	0.0
366	15	5.13e-03	-3.92e-03	-0.05	-9.22e-06	2.71e-05	0.0
366	22	1.00e-03	-4.53e-03	-0.06	1.92e-05	2.24e-05	0.0
366	23	6.00e-04	-2.54e-03	0.05	-3.22e-04	-5.56e-05	0.0
366	24	9.57e-04	-4.31e-03	-0.05	-1.87e-05	1.37e-05	0.0
367	2	1.77e-03	-6.53e-03	-0.12	1.57e-04	3.11e-05	0.0
367	4	1.68e-03	-5.73e-03	-0.14	2.59e-04	3.96e-05	0.0
367	7	0.02	-3.37e-03	-0.05	5.38e-05	6.65e-05	0.0
367	9	-5.51e-03	-6.57e-03	-0.06	7.05e-05	6.33e-06	0.0
367	13	-3.13e-03	-4.55e-03	-0.05	-2.12e-05	-3.88e-06	0.0
367	15	5.21e-03	-4.13e-03	-0.05	-1.45e-05	2.07e-05	0.0
367	22	1.13e-03	-4.50e-03	-0.06	1.91e-05	1.25e-05	0.0
367	23	3.02e-04	-2.66e-03	0.05	-3.41e-04	-2.82e-05	0.0
367	24	1.04e-03	-4.30e-03	-0.05	-2.09e-05	7.95e-06	0.0
368	2	2.11e-03	-6.57e-03	-0.12	1.57e-04	4.37e-06	0.0
368	4	2.11e-03	-5.76e-03	-0.14	2.61e-04	4.37e-06	0.0
368	8	0.02	-3.72e-03	-0.05	-3.40e-06	5.68e-05	0.0
368	11	7.70e-03	-6.31e-03	-0.06	7.60e-05	1.87e-05	0.0
368	16	5.29e-03	-4.29e-03	-0.05	-2.55e-05	1.45e-05	0.0
368	19	2.38e-03	-4.47e-03	-0.05	-1.22e-05	5.99e-06	0.0
368	22	1.27e-03	-4.54e-03	-0.06	1.81e-05	2.62e-06	0.0
368	23	0.0	-2.70e-03	0.06	-3.47e-04	0.0	0.0
368	24	1.12e-03	-4.33e-03	-0.05	-2.25e-05	2.33e-06	0.0
369	2	2.44e-03	-6.74e-03	-0.12	1.52e-04	-2.23e-05	0.0
369	4	2.53e-03	-5.94e-03	-0.14	2.54e-04	-3.07e-05	0.0
369	8	0.02	-4.88e-03	-0.05	-2.33e-05	5.39e-05	0.0
369	11	7.76e-03	-6.68e-03	-0.06	6.81e-05	-1.62e-06	0.0
369	15	5.38e-03	-4.66e-03	-0.05	-2.37e-05	8.59e-06	0.0
369	16	5.38e-03	-4.58e-03	-0.05	-2.97e-05	9.46e-06	0.0
369	22	1.40e-03	-4.63e-03	-0.06	1.63e-05	-7.17e-06	0.0
369	23	-3.02e-04	-2.66e-03	0.05	-3.41e-04	2.82e-05	0.0
369	24	1.21e-03	-4.41e-03	-0.05	-2.34e-05	-3.24e-06	0.0
370	2	2.77e-03	-7.04e-03	-0.12	1.41e-04	-4.86e-05	0.0
370	4	2.95e-03	-6.27e-03	-0.13	2.38e-04	-6.52e-05	0.0
370	7	0.02	-6.82e-03	-0.06	-6.97e-06	4.00e-05	0.0
370	8	0.02	-6.10e-03	-0.05	-4.14e-05	5.16e-05	0.0
370	11	7.84e-03	-7.04e-03	-0.06	5.85e-05	-2.12e-05	0.0
370	15	5.47e-03	-4.99e-03	-0.05	-2.73e-05	2.76e-06	0.0
370	16	5.47e-03	-4.91e-03	-0.05	-3.31e-05	4.47e-06	0.0
370	22	1.53e-03	-4.78e-03	-0.06	1.37e-05	-1.69e-05	0.0
370	23	-6.00e-04	-2.54e-03	0.05	-3.22e-04	5.56e-05	0.0
370	24	1.30e-03	-4.53e-03	-0.05	-2.36e-05	-8.86e-06	0.0
371	2	3.09e-03	-7.46e-03	-0.12	1.24e-04	-7.42e-05	0.0
371	4	3.36e-03	-6.76e-03	-0.13	2.12e-04	-9.86e-05	0.0
371	7	0.02	-8.07e-03	-0.06	-2.55e-05	3.29e-05	0.0
371	8	0.02	-7.41e-03	-0.06	-5.76e-05	4.96e-05	0.0
371	15	5.55e-03	-5.37e-03	-0.05	-3.03e-05	-3.03e-06	0.0
371	16	5.55e-03	-5.30e-03	-0.05	-3.58e-05	0.0	0.0
371	22	1.66e-03	-4.99e-03	-0.06	1.03e-05	-2.66e-05	0.0
371	23	-8.90e-04	-2.34e-03	0.05	-2.93e-04	8.12e-05	0.0
371	24	1.38e-03	-4.70e-03	-0.05	-2.33e-05	-1.47e-05	0.0
372	2	3.39e-03	-8.02e-03	-0.11	1.02e-04	-9.88e-05	0.0
372	4	3.74e-03	-7.39e-03	-0.13	1.78e-04	-1.30e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
372	7	0.02	-9.39e-03	-0.06	-4.28e-05	2.68e-05	0.0
372	8	0.02	-8.81e-03	-0.06	-7.18e-05	4.78e-05	0.0
372	15	5.63e-03	-5.81e-03	-0.05	-3.28e-05	-8.86e-06	0.0
372	16	5.63e-03	-5.75e-03	-0.05	-3.79e-05	-5.76e-06	0.0
372	22	1.78e-03	-5.27e-03	-0.06	5.84e-06	-3.64e-05	0.0
372	23	-1.17e-03	-2.08e-03	0.05	-2.52e-04	1.04e-04	0.0
372	24	1.45e-03	-4.92e-03	-0.05	-2.29e-05	-2.08e-05	0.0
373	2	3.66e-03	-8.72e-03	-0.11	7.49e-05	-1.22e-04	0.0
373	4	4.09e-03	-8.19e-03	-0.12	1.36e-04	-1.58e-04	0.0
373	7	0.02	-0.01	-0.06	-5.88e-05	2.21e-05	0.0
373	8	0.02	-0.01	-0.06	-8.42e-05	4.63e-05	0.0
373	15	5.70e-03	-6.31e-03	-0.05	-3.53e-05	-1.49e-05	0.0
373	16	5.70e-03	-6.27e-03	-0.05	-3.98e-05	-1.13e-05	0.0
373	22	1.88e-03	-5.62e-03	-0.05	0.0	-4.63e-05	0.0
373	24	1.51e-03	-5.19e-03	-0.04	-2.26e-05	-2.76e-05	0.0
374	2	3.89e-03	-9.58e-03	-0.10	4.26e-05	-1.42e-04	0.0
374	4	4.40e-03	-9.15e-03	-0.11	8.75e-05	-1.82e-04	0.0
374	7	0.02	-0.01	-0.06	-7.32e-05	1.92e-05	0.0
374	8	0.02	-0.01	-0.06	-9.49e-05	4.49e-05	0.0
374	15	5.76e-03	-6.89e-03	-0.05	-3.80e-05	-2.13e-05	0.0
374	16	5.76e-03	-6.87e-03	-0.05	-4.20e-05	-1.75e-05	0.0
374	22	1.96e-03	-6.06e-03	-0.05	-7.38e-06	-5.63e-05	0.0
374	23	-1.69e-03	-1.41e-03	0.04	-1.50e-04	1.32e-04	0.0
374	24	1.56e-03	-5.54e-03	-0.04	-2.32e-05	-3.53e-05	0.0
375	2	4.08e-03	-0.01	-0.09	6.09e-06	-1.59e-04	0.0
375	4	4.66e-03	-0.01	-0.10	3.43e-05	-1.99e-04	0.0
375	7	0.02	-0.01	-0.06	-8.60e-05	1.88e-05	0.0
375	8	0.02	-0.01	-0.06	-1.04e-04	4.37e-05	0.0
375	15	5.80e-03	-7.57e-03	-0.04	-4.18e-05	-2.81e-05	0.0
375	16	5.80e-03	-7.57e-03	-0.05	-4.52e-05	-2.45e-05	0.0
375	22	2.03e-03	-6.59e-03	-0.05	-1.70e-05	-6.65e-05	0.0
375	23	-1.92e-03	-1.05e-03	0.03	-9.40e-05	1.32e-04	0.0
375	24	1.59e-03	-5.97e-03	-0.04	-2.56e-05	-4.44e-05	0.0
376	2	4.23e-03	-0.01	-0.09	-3.35e-05	-1.69e-04	0.0
376	4	4.87e-03	-0.01	-0.09	-2.08e-05	-2.04e-04	0.0
376	7	0.02	-0.02	-0.06	-9.75e-05	2.23e-05	0.0
376	8	0.02	-0.02	-0.07	-1.13e-04	4.30e-05	0.0
376	15	5.82e-03	-8.37e-03	-0.04	-4.74e-05	-3.54e-05	0.0
376	16	5.82e-03	-8.39e-03	-0.04	-5.04e-05	-3.24e-05	0.0
376	21	-2.15e-03	-7.09e-04	0.02	-4.24e-05	1.15e-04	0.0
376	22	2.06e-03	-7.24e-03	-0.05	-2.94e-05	-7.64e-05	0.0
376	23	-2.15e-03	-7.09e-04	0.02	-4.24e-05	1.15e-04	0.0
376	24	1.60e-03	-6.51e-03	-0.04	-3.09e-05	-5.52e-05	0.0
377	2	4.32e-03	-0.01	-0.08	-7.78e-05	-1.69e-04	0.0
377	4	5.02e-03	-0.01	-0.09	-7.69e-05	-1.92e-04	0.0
377	7	0.02	-0.02	-0.06	-1.09e-04	3.18e-05	0.0
377	8	0.02	-0.02	-0.07	-1.23e-04	4.34e-05	0.0
377	15	5.82e-03	-9.30e-03	-0.04	-5.77e-05	-4.26e-05	0.0
377	16	5.81e-03	-9.35e-03	-0.04	-6.05e-05	-4.09e-05	0.0
377	21	-2.35e-03	-4.32e-04	0.02	-3.13e-06	7.52e-05	0.0
377	22	2.07e-03	-8.01e-03	-0.04	-4.74e-05	-8.51e-05	0.0
377	23	-2.35e-03	-4.32e-04	0.02	-3.13e-06	7.52e-05	0.0
377	24	1.58e-03	-7.17e-03	-0.04	-4.25e-05	-6.73e-05	0.0
378	2	4.36e-03	-0.01	-0.07	-1.01e-04	-1.52e-04	-4.30e-05
378	4	5.12e-03	-0.01	-0.08	-1.05e-04	-1.53e-04	-4.02e-05
378	7	0.02	-0.02	-0.07	-1.15e-04	5.09e-05	-5.69e-05
378	8	0.02	-0.02	-0.07	-1.29e-04	4.56e-05	-6.04e-05
378	15	5.79e-03	-0.01	-0.04	-6.40e-05	-4.81e-05	-3.07e-05
378	16	5.78e-03	-0.01	-0.04	-6.68e-05	-4.89e-05	-3.12e-05
378	21	-2.55e-03	-2.76e-04	0.02	1.33e-05	4.51e-06	-9.16e-06
378	22	2.05e-03	-8.94e-03	-0.04	-5.77e-05	-9.03e-05	-2.78e-05
378	23	-2.55e-03	-2.76e-04	0.02	1.33e-05	4.51e-06	-9.16e-06
378	24	1.54e-03	-7.98e-03	-0.03	-4.98e-05	-7.97e-05	-2.57e-05
379	1	3.06e-03	-6.35e-04	0.03	2.26e-06	-6.08e-05	0.0
379	2	-7.28e-04	-0.01	-0.08	-5.53e-05	1.54e-04	0.0
379	4	-1.43e-03	-0.01	-0.08	-5.58e-05	1.68e-04	0.0
379	6	-0.02	-0.02	-0.07	-1.12e-04	-3.96e-05	0.0
379	7	0.02	4.63e-03	3.17e-04	7.98e-05	2.24e-04	0.0
379	14	-4.21e-03	-8.37e-03	-0.04	-4.72e-05	4.32e-05	0.0
379	15	4.88e-03	-3.96e-03	-0.03	-1.07e-05	9.19e-05	0.0
379	21	2.35e-03	-4.89e-04	0.02	1.74e-06	-4.68e-05	0.0
379	22	8.01e-05	-6.88e-03	-0.04	-3.28e-05	8.19e-05	0.0
379	23	2.35e-03	-4.89e-04	0.02	1.74e-06	-4.68e-05	0.0
379	24	3.32e-04	-6.17e-03	-0.03	-2.90e-05	6.76e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
380	1	3.23e-03	-3.55e-04	0.03	2.08e-05	-6.32e-06	9.18e-06
380	2	-8.13e-04	-0.01	-0.07	-8.16e-05	1.42e-04	4.26e-05
380	4	-1.56e-03	-0.01	-0.08	-8.64e-05	1.44e-04	4.05e-05
380	6	-0.02	-0.02	-0.07	-1.19e-04	-4.31e-05	6.09e-05
380	7	0.02	5.28e-03	0.01	5.52e-05	2.60e-04	1.58e-05
380	14	-4.22e-03	-9.37e-03	-0.04	-5.58e-05	4.70e-05	3.07e-05
380	15	4.88e-03	-4.31e-03	-0.02	-2.15e-05	1.02e-04	1.91e-05
380	21	2.48e-03	-2.73e-04	0.02	1.60e-05	-4.86e-06	7.06e-06
380	22	5.88e-05	-7.66e-03	-0.04	-4.54e-05	8.43e-05	2.71e-05
380	23	2.48e-03	-2.73e-04	0.02	1.60e-05	-4.86e-06	7.06e-06
380	24	3.28e-04	-6.84e-03	-0.03	-3.86e-05	7.44e-05	2.49e-05
381	1	2.85e-03	-1.06e-03	0.03	-4.19e-05	-9.23e-05	0.0
381	2	-5.81e-04	-0.01	-0.08	-5.65e-06	1.50e-04	0.0
381	4	-1.24e-03	-9.88e-03	-0.09	4.02e-06	1.71e-04	0.0
381	5	-0.02	-0.02	-0.06	-7.57e-05	-2.40e-05	0.0
381	6	-0.02	-0.02	-0.07	-9.75e-05	-4.08e-05	0.0
381	7	0.02	3.83e-03	-8.50e-03	1.18e-04	1.93e-04	0.0
381	14	-4.17e-03	-7.55e-03	-0.04	-3.26e-05	3.62e-05	0.0
381	15	4.90e-03	-3.75e-03	-0.03	6.82e-06	8.03e-05	0.0
381	21	2.19e-03	-8.17e-04	0.02	-3.22e-05	-7.10e-05	0.0
381	22	1.34e-04	-6.25e-03	-0.04	-1.05e-05	7.44e-05	0.0
381	23	2.19e-03	-8.17e-04	0.02	-3.22e-05	-7.10e-05	0.0
381	24	3.63e-04	-5.65e-03	-0.04	-1.29e-05	5.83e-05	0.0
382	1	2.61e-03	-1.57e-03	0.03	-1.00e-04	-1.05e-04	0.0
382	2	-3.71e-04	-9.17e-03	-0.09	3.84e-05	1.38e-04	0.0
382	4	-9.73e-04	-8.81e-03	-0.10	6.16e-05	1.63e-04	0.0
382	5	-0.02	-0.01	-0.06	-5.72e-05	-2.40e-05	0.0
382	6	-0.02	-0.01	-0.07	-8.53e-05	-4.39e-05	0.0
382	7	0.02	2.91e-03	-0.02	1.37e-04	1.66e-04	0.0
382	13	-4.10e-03	-6.88e-03	-0.04	-1.82e-05	3.16e-05	0.0
382	14	-4.11e-03	-6.88e-03	-0.04	-2.30e-05	2.86e-05	0.0
382	15	4.95e-03	-3.64e-03	-0.03	1.67e-05	6.93e-05	0.0
382	21	2.01e-03	-1.21e-03	0.03	-7.72e-05	-8.09e-05	0.0
382	22	2.19e-04	-5.77e-03	-0.05	6.07e-06	6.52e-05	0.0
382	23	2.01e-03	-1.21e-03	0.03	-7.72e-05	-8.09e-05	0.0
382	24	4.17e-04	-5.26e-03	-0.04	-3.18e-06	4.90e-05	0.0
383	1	2.33e-03	-2.10e-03	0.04	-1.63e-04	-1.05e-04	0.0
383	2	-1.01e-04	-8.40e-03	-0.10	7.82e-05	1.23e-04	0.0
383	4	-6.38e-04	-7.91e-03	-0.10	1.16e-04	1.47e-04	0.0
383	5	-0.02	-0.01	-0.06	-3.78e-05	-2.69e-05	0.0
383	6	-0.02	-0.01	-0.06	-7.30e-05	-4.74e-05	0.0
383	7	0.02	1.89e-03	-0.02	1.45e-04	1.46e-04	0.0
383	13	-4.01e-03	-6.35e-03	-0.05	-1.00e-05	2.48e-05	0.0
383	14	-4.02e-03	-6.32e-03	-0.05	-1.59e-05	2.18e-05	0.0
383	15	5.02e-03	-3.63e-03	-0.04	2.23e-05	5.98e-05	0.0
383	21	1.79e-03	-1.61e-03	0.03	-1.26e-04	-8.09e-05	0.0
383	22	3.33e-04	-5.39e-03	-0.05	1.93e-05	5.60e-05	0.0
383	23	1.79e-03	-1.61e-03	0.03	-1.26e-04	-8.09e-05	0.0
383	24	4.95e-04	-4.97e-03	-0.04	3.21e-06	4.08e-05	0.0
384	1	2.01e-03	-2.60e-03	0.04	-2.24e-04	-9.64e-05	0.0
384	2	2.19e-04	-7.79e-03	-0.10	1.12e-04	1.06e-04	0.0
384	4	-2.45e-04	-7.19e-03	-0.11	1.64e-04	1.28e-04	0.0
384	5	-0.02	-0.01	-0.06	-1.81e-05	-3.17e-05	0.0
384	6	-0.02	-9.97e-03	-0.06	-6.04e-05	-5.08e-05	0.0
384	7	0.02	8.30e-04	-0.03	1.43e-04	1.30e-04	0.0
384	13	-3.91e-03	-5.91e-03	-0.05	-3.67e-06	1.84e-05	0.0
384	14	-3.92e-03	-5.86e-03	-0.05	-1.06e-05	1.56e-05	0.0
384	15	5.10e-03	-3.68e-03	-0.04	2.48e-05	5.17e-05	0.0
384	21	1.55e-03	-2.00e-03	0.03	-1.72e-04	-7.42e-05	0.0
384	22	4.72e-04	-5.12e-03	-0.05	2.95e-05	4.71e-05	0.0
384	23	1.55e-03	-2.00e-03	0.03	-1.72e-04	-7.42e-05	0.0
384	24	5.91e-04	-4.77e-03	-0.04	7.08e-06	3.36e-05	0.0
385	1	1.66e-03	-3.05e-03	0.05	-2.78e-04	-8.20e-05	0.0
385	2	5.81e-04	-7.33e-03	-0.10	1.40e-04	8.71e-05	0.0
385	4	1.98e-04	-6.63e-03	-0.12	2.04e-04	1.06e-04	0.0
385	5	-0.02	-9.21e-03	-0.06	1.53e-06	-3.78e-05	0.0
385	6	-0.02	-8.57e-03	-0.06	-4.72e-05	-5.42e-05	0.0
385	7	0.02	-2.62e-04	-0.03	1.36e-04	1.17e-04	0.0
385	13	-3.79e-03	-5.54e-03	-0.05	1.35e-06	1.22e-05	0.0
385	14	-3.80e-03	-5.47e-03	-0.05	-6.55e-06	9.81e-06	0.0
385	15	5.20e-03	-3.79e-03	-0.04	2.50e-05	4.44e-05	0.0
385	21	1.28e-03	-2.35e-03	0.04	-2.14e-04	-6.31e-05	0.0
385	22	6.29e-04	-4.92e-03	-0.05	3.71e-05	3.84e-05	0.0
385	23	1.28e-03	-2.35e-03	0.04	-2.14e-04	-6.31e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
385	24	7.01e-04	-4.63e-03	-0.04	9.21e-06	2.71e-05	0.0
386	1	1.27e-03	-3.42e-03	0.05	-3.22e-04	-6.40e-05	0.0
386	2	9.73e-04	-7.01e-03	-0.11	1.62e-04	6.77e-05	0.0
386	4	6.79e-04	-6.22e-03	-0.12	2.36e-04	8.25e-05	0.0
386	5	-0.02	-8.01e-03	-0.06	2.09e-05	-4.47e-05	0.0
386	6	-0.02	-7.27e-03	-0.06	-3.33e-05	-5.77e-05	0.0
386	7	0.02	-1.37e-03	-0.04	1.25e-04	1.05e-04	0.0
386	13	-3.67e-03	-5.23e-03	-0.05	5.43e-06	6.22e-06	0.0
386	14	-3.68e-03	-5.15e-03	-0.05	-3.28e-06	4.30e-06	0.0
386	15	5.31e-03	-3.93e-03	-0.04	2.36e-05	3.77e-05	0.0
386	21	9.79e-04	-2.63e-03	0.04	-2.48e-04	-4.92e-05	0.0
386	22	7.99e-04	-4.78e-03	-0.06	4.24e-05	2.98e-05	0.0
386	23	9.79e-04	-2.63e-03	0.04	-2.48e-04	-4.92e-05	0.0
386	24	8.19e-04	-4.54e-03	-0.05	1.02e-05	2.10e-05	0.0
387	2	1.39e-03	-6.81e-03	-0.11	1.76e-04	4.76e-05	0.0
387	4	1.19e-03	-5.96e-03	-0.12	2.58e-04	5.77e-05	0.0
387	5	-0.02	-6.87e-03	-0.06	3.97e-05	-5.24e-05	0.0
387	7	0.02	-2.48e-03	-0.04	1.10e-04	9.50e-05	0.0
387	9	-5.97e-03	-7.22e-03	-0.05	1.53e-04	1.58e-05	0.0
387	13	-3.54e-03	-4.97e-03	-0.05	8.79e-06	0.0	0.0
387	14	-3.55e-03	-4.89e-03	-0.05	0.0	-1.11e-06	0.0
387	15	5.43e-03	-4.12e-03	-0.04	2.11e-05	3.12e-05	0.0
387	22	9.78e-04	-4.71e-03	-0.06	4.57e-05	2.12e-05	0.0
387	24	9.43e-04	-4.50e-03	-0.05	1.03e-05	1.51e-05	0.0
388	2	1.82e-03	-6.74e-03	-0.11	1.84e-04	2.72e-05	0.0
388	4	1.72e-03	-5.85e-03	-0.12	2.71e-04	3.23e-05	0.0
388	5	-0.02	-5.78e-03	-0.05	5.78e-05	-6.06e-05	0.0
388	7	0.02	-3.60e-03	-0.05	9.33e-05	8.54e-05	0.0
388	9	-5.90e-03	-6.98e-03	-0.05	1.64e-04	-1.05e-06	0.0
388	13	-3.41e-03	-4.76e-03	-0.05	1.16e-05	-5.81e-06	0.0
388	14	-3.41e-03	-4.67e-03	-0.05	1.89e-06	-6.48e-06	0.0
388	15	5.56e-03	-4.33e-03	-0.05	1.78e-05	2.50e-05	0.0
388	22	1.16e-03	-4.69e-03	-0.06	4.71e-05	1.25e-05	0.0
388	24	1.07e-03	-4.50e-03	-0.05	9.83e-06	9.25e-06	0.0
389	2	2.25e-03	-6.78e-03	-0.11	1.86e-04	6.54e-06	0.0
389	4	2.25e-03	-5.88e-03	-0.12	2.74e-04	6.54e-06	0.0
389	8	0.02	-3.89e-03	-0.05	1.33e-05	7.63e-05	0.0
389	11	8.24e-03	-6.72e-03	-0.05	1.70e-04	2.53e-05	0.0
389	16	5.68e-03	-4.49e-03	-0.05	4.02e-06	1.88e-05	0.0
389	19	2.55e-03	-4.69e-03	-0.05	2.53e-05	8.10e-06	0.0
389	20	2.55e-03	-4.39e-03	-0.05	-7.41e-06	8.10e-06	0.0
389	22	1.35e-03	-4.73e-03	-0.06	4.67e-05	3.92e-06	0.0
389	24	1.20e-03	-4.54e-03	-0.05	8.93e-06	3.49e-06	0.0
390	2	2.69e-03	-6.95e-03	-0.11	1.80e-04	-1.40e-05	0.0
390	4	2.79e-03	-6.06e-03	-0.12	2.67e-04	-1.91e-05	0.0
390	7	0.02	-5.90e-03	-0.05	5.56e-05	6.76e-05	0.0
390	8	0.02	-5.07e-03	-0.05	-5.22e-06	7.22e-05	0.0
390	11	8.31e-03	-7.10e-03	-0.05	1.61e-04	8.05e-06	0.0
390	15	5.81e-03	-4.87e-03	-0.05	9.36e-06	1.28e-05	0.0
390	16	5.82e-03	-4.78e-03	-0.05	0.0	1.35e-05	0.0
390	22	1.54e-03	-4.82e-03	-0.06	4.46e-05	-4.66e-06	0.0
390	24	1.33e-03	-4.62e-03	-0.05	7.62e-06	-2.25e-06	0.0
391	2	3.12e-03	-7.24e-03	-0.11	1.68e-04	-3.43e-05	0.0
391	4	3.32e-03	-6.39e-03	-0.12	2.50e-04	-4.44e-05	0.0
391	7	0.02	-7.10e-03	-0.06	3.53e-05	5.95e-05	0.0
391	8	0.02	-6.31e-03	-0.06	-2.30e-05	6.84e-05	0.0
391	11	8.38e-03	-7.45e-03	-0.05	1.48e-04	-8.66e-06	0.0
391	15	5.94e-03	-5.20e-03	-0.05	4.40e-06	6.88e-06	0.0
391	16	5.95e-03	-5.12e-03	-0.05	-4.90e-06	8.21e-06	0.0
391	22	1.73e-03	-4.97e-03	-0.06	4.07e-05	-1.32e-05	0.0
391	24	1.46e-03	-4.73e-03	-0.05	5.90e-06	-7.97e-06	0.0
392	2	3.54e-03	-7.66e-03	-0.11	1.49e-04	-5.40e-05	0.0
392	4	3.83e-03	-6.87e-03	-0.12	2.24e-04	-6.88e-05	0.0
392	7	0.03	-8.35e-03	-0.06	1.44e-05	5.20e-05	0.0
392	8	0.03	-7.62e-03	-0.06	-3.98e-05	6.50e-05	0.0
392	15	6.07e-03	-5.58e-03	-0.05	-1.04e-06	1.05e-06	0.0
392	16	6.08e-03	-5.50e-03	-0.05	-9.74e-06	2.98e-06	0.0
392	22	1.91e-03	-5.17e-03	-0.06	3.51e-05	-2.16e-05	0.0
392	24	1.59e-03	-4.89e-03	-0.05	3.69e-06	-1.37e-05	0.0
393	2	3.94e-03	-8.21e-03	-0.11	1.24e-04	-7.29e-05	0.0
393	4	4.32e-03	-7.50e-03	-0.12	1.89e-04	-9.19e-05	0.0
393	7	0.03	-9.68e-03	-0.06	-6.84e-06	4.54e-05	0.0
393	8	0.03	-9.03e-03	-0.06	-5.56e-05	6.18e-05	0.0
393	15	6.20e-03	-6.01e-03	-0.05	-7.03e-06	-4.66e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
393	16	6.21e-03	-5.94e-03	-0.05	-1.49e-05	-2.23e-06	0.0
393	22	2.08e-03	-5.44e-03	-0.06	2.76e-05	-2.99e-05	0.0
393	24	1.71e-03	-5.10e-03	-0.05	0.0	-1.95e-05	0.0
394	2	4.30e-03	-8.90e-03	-0.10	9.35e-05	-9.06e-05	0.0
394	4	4.77e-03	-8.30e-03	-0.11	1.45e-04	-1.13e-04	0.0
394	7	0.03	-0.01	-0.06	-2.81e-05	3.98e-05	0.0
394	8	0.03	-0.01	-0.06	-7.04e-05	5.89e-05	0.0
394	15	6.32e-03	-6.50e-03	-0.05	-1.37e-05	-1.03e-05	0.0
394	16	6.33e-03	-6.45e-03	-0.05	-2.06e-05	-7.48e-06	0.0
394	22	2.24e-03	-5.78e-03	-0.05	1.82e-05	-3.80e-05	0.0
394	24	1.82e-03	-5.36e-03	-0.04	-2.94e-06	-2.55e-05	0.0
395	2	4.63e-03	-9.73e-03	-0.10	5.71e-05	-1.06e-04	0.0
395	4	5.17e-03	-9.25e-03	-0.11	9.48e-05	-1.31e-04	0.0
395	7	0.03	-0.01	-0.06	-4.90e-05	3.58e-05	0.0
395	8	0.03	-0.01	-0.07	-8.42e-05	5.62e-05	0.0
395	15	6.42e-03	-7.06e-03	-0.05	-2.12e-05	-1.59e-05	0.0
395	16	6.44e-03	-7.03e-03	-0.05	-2.72e-05	-1.29e-05	0.0
395	22	2.38e-03	-6.20e-03	-0.05	6.66e-06	-4.60e-05	0.0
395	24	1.92e-03	-5.69e-03	-0.04	-8.02e-06	-3.19e-05	0.0
396	2	4.90e-03	-0.01	-0.09	1.63e-05	-1.19e-04	0.0
396	4	5.51e-03	-0.01	-0.10	3.94e-05	-1.44e-04	0.0
396	7	0.03	-0.01	-0.07	-6.90e-05	3.41e-05	0.0
396	8	0.03	-0.01	-0.07	-9.71e-05	5.40e-05	0.0
396	15	6.51e-03	-7.72e-03	-0.05	-3.00e-05	-2.15e-05	0.0
396	16	6.53e-03	-7.71e-03	-0.05	-3.49e-05	-1.85e-05	0.0
396	22	2.50e-03	-6.71e-03	-0.05	-7.21e-06	-5.38e-05	0.0
396	23	-2.01e-03	-1.21e-03	0.03	-7.72e-05	8.09e-05	0.0
396	24	2.00e-03	-6.10e-03	-0.04	-1.50e-05	-3.89e-05	0.0
397	2	5.12e-03	-0.01	-0.09	-2.72e-05	-1.28e-04	0.0
397	4	5.78e-03	-0.01	-0.10	-1.75e-05	-1.49e-04	0.0
397	7	0.03	-0.02	-0.07	-8.72e-05	3.60e-05	0.0
397	8	0.03	-0.02	-0.07	-1.09e-04	5.28e-05	0.0
397	16	6.60e-03	-8.51e-03	-0.05	-4.41e-05	-2.42e-05	0.0
397	22	2.59e-03	-7.34e-03	-0.05	-2.34e-05	-6.09e-05	0.0
397	23	-2.19e-03	-8.17e-04	0.02	-3.22e-05	7.10e-05	0.0
397	24	2.06e-03	-6.61e-03	-0.04	-2.44e-05	-4.63e-05	0.0
398	2	5.28e-03	-0.01	-0.08	-7.36e-05	-1.26e-04	0.0
398	4	5.98e-03	-0.01	-0.09	-7.41e-05	-1.40e-04	0.0
398	8	0.03	-0.02	-0.07	-1.21e-04	5.42e-05	0.0
398	16	6.64e-03	-9.46e-03	-0.05	-5.70e-05	-2.85e-05	0.0
398	22	2.65e-03	-8.10e-03	-0.05	-4.38e-05	-6.54e-05	0.0
398	23	-2.35e-03	-4.89e-04	0.02	1.74e-06	4.68e-05	0.0
398	24	2.09e-03	-7.25e-03	-0.04	-3.87e-05	-5.29e-05	0.0
399	2	5.37e-03	-0.01	-0.08	-9.75e-05	-1.08e-04	-4.41e-05
399	4	6.11e-03	-0.01	-0.08	-1.02e-04	-1.09e-04	-4.20e-05
399	8	0.03	-0.02	-0.08	-1.27e-04	6.14e-05	-6.17e-05
399	16	6.65e-03	-0.01	-0.04	-6.42e-05	-2.86e-05	-3.15e-05
399	22	2.67e-03	-9.02e-03	-0.04	-5.50e-05	-6.37e-05	-2.80e-05
399	23	-2.48e-03	-2.73e-04	0.02	1.60e-05	4.86e-06	-7.06e-06
399	24	2.10e-03	-8.05e-03	-0.04	-4.71e-05	-5.61e-05	-2.57e-05
400	1	3.23e-03	-6.93e-04	0.03	1.59e-05	-3.31e-05	0.0
400	2	-1.59e-03	-0.01	-0.08	-5.42e-05	1.05e-04	0.0
400	4	-2.33e-03	-0.01	-0.09	-5.78e-05	1.13e-04	0.0
400	6	-0.03	-0.02	-0.07	-1.08e-04	-5.54e-05	0.0
400	14	-4.95e-03	-8.43e-03	-0.04	-4.30e-05	2.57e-05	0.0
400	21	2.48e-03	-5.33e-04	0.02	1.22e-05	-2.55e-05	0.0
400	22	-4.06e-04	-6.92e-03	-0.04	-2.98e-05	5.77e-05	0.0
400	23	2.48e-03	-5.33e-04	0.02	1.22e-05	-2.55e-05	0.0
400	24	-8.49e-05	-6.21e-03	-0.04	-2.51e-05	4.84e-05	0.0
401	1	3.31e-03	-3.07e-04	0.03	2.72e-05	-9.33e-06	2.18e-06
401	2	-1.74e-03	-0.01	-0.07	-7.97e-05	9.70e-05	3.89e-05
401	4	-2.51e-03	-0.01	-0.08	-8.59e-05	9.92e-05	3.84e-05
401	6	-0.03	-0.02	-0.08	-1.17e-04	-6.06e-05	5.95e-05
401	14	-5.02e-03	-9.40e-03	-0.04	-5.30e-05	2.51e-05	2.77e-05
401	21	2.55e-03	-2.36e-04	0.02	2.09e-05	-7.17e-06	1.68e-06
401	22	-4.86e-04	-7.68e-03	-0.04	-4.32e-05	5.66e-05	2.37e-05
401	23	2.55e-03	-2.36e-04	0.02	2.09e-05	-7.17e-06	1.68e-06
401	24	-1.49e-04	-6.85e-03	-0.03	-3.61e-05	4.95e-05	2.13e-05
402	1	3.09e-03	-1.20e-03	0.03	-1.30e-05	-4.80e-05	0.0
402	2	-1.35e-03	-0.01	-0.08	-5.17e-06	1.02e-04	0.0
402	4	-2.06e-03	-9.91e-03	-0.09	-2.16e-06	1.13e-04	0.0
402	5	-0.03	-0.02	-0.07	-5.89e-05	-4.85e-05	0.0
402	6	-0.03	-0.02	-0.07	-8.98e-05	-5.66e-05	0.0
402	14	-4.85e-03	-7.64e-03	-0.04	-2.47e-05	2.15e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
402	15	4.87e-03	-3.79e-03	-0.03	1.31e-05	6.45e-05	0.0
402	21	2.37e-03	-9.21e-04	0.02	-1.00e-05	-3.69e-05	0.0
402	22	-2.87e-04	-6.31e-03	-0.05	-5.30e-06	5.30e-05	0.0
402	23	2.37e-03	-9.21e-04	0.02	-1.00e-05	-3.69e-05	0.0
402	24	8.33e-06	-5.71e-03	-0.04	-5.83e-06	4.30e-05	0.0
403	1	2.88e-03	-1.78e-03	0.03	-5.23e-05	-5.37e-05	0.0
403	2	-1.03e-03	-9.26e-03	-0.09	4.19e-05	9.29e-05	0.0
403	4	-1.70e-03	-8.85e-03	-0.10	5.40e-05	1.05e-04	0.0
403	5	-0.03	-0.01	-0.06	-2.99e-05	-4.98e-05	0.0
403	6	-0.03	-0.01	-0.07	-7.21e-05	-5.98e-05	0.0
403	13	-4.68e-03	-7.00e-03	-0.04	-2.06e-06	1.77e-05	0.0
403	14	-4.72e-03	-6.99e-03	-0.05	-8.92e-06	1.62e-05	0.0
403	15	4.99e-03	-3.72e-03	-0.03	2.90e-05	5.75e-05	0.0
403	21	2.22e-03	-1.37e-03	0.02	-4.02e-05	-4.13e-05	0.0
403	22	-1.30e-04	-5.86e-03	-0.05	1.63e-05	4.66e-05	0.0
403	23	2.22e-03	-1.37e-03	0.02	-4.02e-05	-4.13e-05	0.0
403	24	1.31e-04	-5.36e-03	-0.04	1.00e-05	3.69e-05	0.0
404	1	2.62e-03	-2.37e-03	0.03	-9.46e-05	-5.32e-05	0.0
404	2	-6.43e-04	-8.52e-03	-0.09	8.57e-05	8.25e-05	0.0
404	4	-1.25e-03	-7.97e-03	-0.10	1.08e-04	9.48e-05	0.0
404	5	-0.02	-0.01	-0.06	0.0	-5.29e-05	0.0
404	6	-0.03	-0.01	-0.07	-5.44e-05	-6.31e-05	0.0
404	7	0.03	1.84e-03	-0.02	1.53e-04	1.38e-04	0.0
404	13	-4.54e-03	-6.50e-03	-0.05	1.36e-05	1.30e-05	0.0
404	14	-4.57e-03	-6.46e-03	-0.05	4.99e-06	1.15e-05	0.0
404	15	5.12e-03	-3.75e-03	-0.04	4.18e-05	5.15e-05	0.0
404	21	2.02e-03	-1.83e-03	0.03	-7.27e-05	-4.09e-05	0.0
404	22	5.74e-05	-5.51e-03	-0.05	3.54e-05	4.05e-05	0.0
404	23	2.02e-03	-1.83e-03	0.03	-7.27e-05	-4.09e-05	0.0
404	24	2.75e-04	-5.10e-03	-0.04	2.34e-05	3.15e-05	0.0
405	1	2.29e-03	-2.93e-03	0.04	-1.35e-04	-4.84e-05	0.0
405	2	-2.06e-04	-7.95e-03	-0.10	1.24e-04	7.13e-05	0.0
405	4	-7.34e-04	-7.27e-03	-0.10	1.55e-04	8.25e-05	0.0
405	5	-0.02	-0.01	-0.06	2.85e-05	-5.69e-05	0.0
405	6	-0.02	-0.01	-0.06	-3.71e-05	-6.64e-05	0.0
405	7	0.03	7.26e-04	-0.02	1.62e-04	1.28e-04	0.0
405	13	-4.37e-03	-6.08e-03	-0.05	2.72e-05	8.49e-06	0.0
405	14	-4.41e-03	-6.03e-03	-0.05	1.69e-05	7.07e-06	0.0
405	15	5.27e-03	-3.83e-03	-0.04	5.16e-05	4.62e-05	0.0
405	21	1.76e-03	-2.25e-03	0.03	-1.04e-04	-3.73e-05	0.0
405	22	2.65e-04	-5.26e-03	-0.05	5.16e-05	3.46e-05	0.0
405	23	1.76e-03	-2.25e-03	0.03	-1.04e-04	-3.73e-05	0.0
405	24	4.31e-04	-4.93e-03	-0.04	3.43e-05	2.66e-05	0.0
406	1	1.91e-03	-3.41e-03	0.04	-1.71e-04	-4.11e-05	0.0
406	2	2.71e-04	-7.51e-03	-0.10	1.56e-04	5.95e-05	0.0
406	4	-1.68e-04	-6.72e-03	-0.11	1.96e-04	6.90e-05	0.0
406	5	-0.02	-9.48e-03	-0.06	5.55e-05	-6.15e-05	0.0
406	6	-0.02	-8.77e-03	-0.06	-2.03e-05	-6.98e-05	0.0
406	7	0.03	-4.13e-04	-0.03	1.66e-04	1.20e-04	0.0
406	13	-4.21e-03	-5.73e-03	-0.05	3.87e-05	4.09e-06	0.0
406	14	-4.23e-03	-5.66e-03	-0.05	2.70e-05	2.86e-06	0.0
406	15	5.42e-03	-3.96e-03	-0.04	5.88e-05	4.12e-05	0.0
406	21	1.47e-03	-2.63e-03	0.03	-1.32e-04	-3.16e-05	0.0
406	22	4.85e-04	-5.08e-03	-0.05	6.47e-05	2.87e-05	0.0
406	23	1.47e-03	-2.63e-03	0.03	-1.32e-04	-3.16e-05	0.0
406	24	5.94e-04	-4.81e-03	-0.04	4.29e-05	2.20e-05	0.0
407	1	1.47e-03	-3.81e-03	0.04	-2.01e-04	-3.20e-05	0.0
407	2	7.78e-04	-7.20e-03	-0.10	1.81e-04	4.72e-05	0.0
407	4	4.38e-04	-6.32e-03	-0.11	2.28e-04	5.45e-05	0.0
407	5	-0.02	-8.28e-03	-0.06	8.01e-05	-6.67e-05	0.0
407	6	-0.02	-7.48e-03	-0.06	-4.16e-06	-7.33e-05	0.0
407	7	0.03	-1.56e-03	-0.03	1.64e-04	1.13e-04	0.0
407	13	-4.03e-03	-5.44e-03	-0.05	4.81e-05	0.0	0.0
407	14	-4.05e-03	-5.35e-03	-0.05	3.51e-05	-1.29e-06	0.0
407	15	5.58e-03	-4.13e-03	-0.04	6.35e-05	3.65e-05	0.0
407	21	1.13e-03	-2.93e-03	0.03	-1.55e-04	-2.46e-05	0.0
407	22	7.16e-04	-4.97e-03	-0.05	7.48e-05	2.29e-05	0.0
407	23	1.13e-03	-2.93e-03	0.03	-1.55e-04	-2.46e-05	0.0
407	24	7.62e-04	-4.74e-03	-0.04	4.93e-05	1.76e-05	0.0
408	2	1.31e-03	-7.02e-03	-0.10	1.99e-04	3.44e-05	0.0
408	4	1.08e-03	-6.07e-03	-0.11	2.50e-04	3.95e-05	0.0
408	6	-0.02	-6.28e-03	-0.06	1.13e-05	-7.68e-05	0.0
408	7	0.03	-2.70e-03	-0.04	1.59e-04	1.06e-04	0.0
408	9	-6.34e-03	-7.63e-03	-0.04	2.78e-04	-1.99e-06	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
408	13	-3.86e-03	-5.19e-03	-0.05	5.54e-05	-4.76e-06	0.0
408	14	-3.87e-03	-5.09e-03	-0.05	4.15e-05	-5.43e-06	0.0
408	15	5.74e-03	-4.32e-03	-0.04	6.57e-05	3.19e-05	0.0
408	22	9.54e-04	-4.90e-03	-0.05	8.17e-05	1.70e-05	0.0
408	24	9.33e-04	-4.71e-03	-0.05	5.36e-05	1.32e-05	0.0
409	2	1.85e-03	-6.95e-03	-0.10	2.09e-04	2.15e-05	0.0
409	4	1.73e-03	-5.96e-03	-0.11	2.64e-04	2.40e-05	0.0
409	6	-0.02	-5.15e-03	-0.05	2.61e-05	-8.06e-05	0.0
409	7	0.03	-3.84e-03	-0.04	1.49e-04	9.97e-05	0.0
409	9	-6.28e-03	-7.40e-03	-0.04	2.94e-04	-1.20e-05	0.0
409	13	-3.69e-03	-4.98e-03	-0.05	6.05e-05	-9.25e-06	0.0
409	15	5.91e-03	-4.55e-03	-0.04	6.57e-05	2.73e-05	0.0
409	18	-3.45e-04	-4.61e-03	-0.05	3.09e-05	2.78e-06	0.0
409	22	1.20e-03	-4.89e-03	-0.06	8.55e-05	1.10e-05	0.0
409	24	1.11e-03	-4.72e-03	-0.05	5.59e-05	8.83e-06	0.0
410	2	2.40e-03	-7.00e-03	-0.10	2.11e-04	8.37e-06	0.0
410	4	2.40e-03	-6.00e-03	-0.11	2.67e-04	8.37e-06	0.0
410	8	0.03	-4.08e-03	-0.05	4.00e-05	9.34e-05	0.0
410	11	8.79e-03	-7.14e-03	-0.04	3.02e-04	3.11e-05	0.0
410	12	8.79e-03	-4.08e-03	-0.05	-1.73e-05	3.11e-05	0.0
410	16	6.08e-03	-4.71e-03	-0.05	4.87e-05	2.27e-05	0.0
410	19	2.72e-03	-4.93e-03	-0.04	8.05e-05	9.93e-06	0.0
410	20	2.72e-03	-4.59e-03	-0.05	3.15e-05	9.93e-06	0.0
410	22	1.44e-03	-4.93e-03	-0.06	8.62e-05	5.02e-06	0.0
410	24	1.28e-03	-4.76e-03	-0.05	5.60e-05	4.46e-06	0.0
411	2	2.95e-03	-7.17e-03	-0.10	2.06e-04	-4.70e-06	0.0
411	4	3.07e-03	-6.18e-03	-0.11	2.61e-04	-7.25e-06	0.0
411	8	0.03	-5.27e-03	-0.05	2.44e-05	8.95e-05	0.0
411	11	8.84e-03	-7.51e-03	-0.04	2.92e-04	2.09e-05	0.0
411	15	6.25e-03	-5.10e-03	-0.05	5.88e-05	1.82e-05	0.0
411	16	6.26e-03	-5.00e-03	-0.05	4.43e-05	1.85e-05	0.0
411	20	2.90e-03	-4.73e-03	-0.05	2.92e-05	6.15e-06	0.0
411	22	1.68e-03	-5.02e-03	-0.06	8.37e-05	0.0	0.0
411	24	1.45e-03	-4.83e-03	-0.05	5.42e-05	0.0	0.0
412	2	3.49e-03	-7.46e-03	-0.10	1.93e-04	-1.76e-05	0.0
412	4	3.73e-03	-6.51e-03	-0.11	2.44e-04	-2.26e-05	0.0
412	8	0.03	-6.51e-03	-0.06	7.99e-06	8.58e-05	0.0
412	11	8.90e-03	-7.86e-03	-0.04	2.74e-04	1.10e-05	0.0
412	15	6.42e-03	-5.42e-03	-0.05	5.21e-05	1.37e-05	0.0
412	16	6.44e-03	-5.33e-03	-0.05	3.82e-05	1.44e-05	0.0
412	22	1.93e-03	-5.17e-03	-0.06	7.80e-05	-6.85e-06	0.0
412	24	1.63e-03	-4.94e-03	-0.05	5.03e-05	-4.23e-06	0.0
413	2	4.02e-03	-7.86e-03	-0.10	1.72e-04	-3.01e-05	0.0
413	4	4.36e-03	-6.99e-03	-0.11	2.18e-04	-3.75e-05	0.0
413	7	0.03	-8.64e-03	-0.06	7.52e-05	7.58e-05	0.0
413	8	0.03	-7.83e-03	-0.06	-9.09e-06	8.23e-05	0.0
413	15	6.59e-03	-5.79e-03	-0.05	4.32e-05	9.39e-06	0.0
413	16	6.61e-03	-5.71e-03	-0.05	3.02e-05	1.04e-05	0.0
413	22	2.16e-03	-5.36e-03	-0.06	6.92e-05	-1.27e-05	0.0
413	24	1.80e-03	-5.09e-03	-0.05	4.44e-05	-8.53e-06	0.0
414	2	4.53e-03	-8.40e-03	-0.10	1.44e-04	-4.22e-05	0.0
414	4	4.97e-03	-7.61e-03	-0.11	1.84e-04	-5.17e-05	0.0
414	7	0.03	-9.96e-03	-0.06	4.90e-05	7.08e-05	0.0
414	8	0.03	-9.25e-03	-0.06	-2.68e-05	7.90e-05	0.0
414	15	6.77e-03	-6.21e-03	-0.05	3.23e-05	5.13e-06	0.0
414	16	6.79e-03	-6.13e-03	-0.05	2.05e-05	6.36e-06	0.0
414	22	2.40e-03	-5.62e-03	-0.05	5.74e-05	-1.84e-05	0.0
414	24	1.97e-03	-5.28e-03	-0.05	3.64e-05	-1.28e-05	0.0
415	2	5.01e-03	-9.07e-03	-0.10	1.09e-04	-5.36e-05	0.0
415	4	5.54e-03	-8.39e-03	-0.11	1.41e-04	-6.48e-05	0.0
415	7	0.03	-0.01	-0.06	2.07e-05	6.63e-05	0.0
415	8	0.03	-0.01	-0.07	-4.49e-05	7.59e-05	0.0
415	15	6.93e-03	-6.68e-03	-0.05	1.94e-05	0.0	0.0
415	16	6.97e-03	-6.62e-03	-0.05	9.09e-06	2.39e-06	0.0
415	22	2.62e-03	-5.94e-03	-0.05	4.28e-05	-2.40e-05	0.0
415	24	2.13e-03	-5.53e-03	-0.04	2.64e-05	-1.72e-05	0.0
416	2	5.44e-03	-9.88e-03	-0.10	6.89e-05	-6.40e-05	0.0
416	4	6.05e-03	-9.33e-03	-0.10	9.07e-05	-7.63e-05	0.0
416	7	0.03	-0.01	-0.07	-9.26e-06	6.27e-05	0.0
416	8	0.03	-0.01	-0.07	-6.33e-05	7.30e-05	0.0
416	15	7.09e-03	-7.22e-03	-0.05	4.61e-06	-3.14e-06	0.0
416	16	7.13e-03	-7.19e-03	-0.05	-3.98e-06	-1.62e-06	0.0
416	22	2.82e-03	-6.33e-03	-0.05	2.53e-05	-2.94e-05	0.0
416	24	2.28e-03	-5.83e-03	-0.04	1.44e-05	-2.16e-05	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
417	2	5.83e-03	-0.01	-0.09	2.38e-05	-7.33e-05	0.0
417	4	6.49e-03	-0.01	-0.10	3.58e-05	-8.57e-05	0.0
417	7	0.03	-0.01	-0.07	-3.96e-05	6.03e-05	0.0
417	8	0.03	-0.01	-0.07	-8.18e-05	7.03e-05	0.0
417	15	7.24e-03	-7.85e-03	-0.05	-1.18e-05	-7.24e-06	0.0
417	16	7.28e-03	-7.84e-03	-0.05	-1.86e-05	-5.78e-06	0.0
417	22	3.01e-03	-6.81e-03	-0.05	5.41e-06	-3.49e-05	0.0
417	24	2.43e-03	-6.21e-03	-0.04	0.0	-2.64e-05	0.0
418	2	6.14e-03	-0.01	-0.09	-2.36e-05	-8.04e-05	0.0
418	4	6.85e-03	-0.01	-0.10	-2.06e-05	-9.14e-05	0.0
418	7	0.03	-0.02	-0.07	-6.88e-05	5.99e-05	0.0
418	8	0.03	-0.02	-0.08	-9.96e-05	6.81e-05	0.0
418	16	7.41e-03	-8.61e-03	-0.05	-3.45e-05	-1.00e-05	0.0
418	22	3.16e-03	-7.41e-03	-0.05	-1.63e-05	-4.01e-05	0.0
418	24	2.55e-03	-6.69e-03	-0.04	-1.56e-05	-3.15e-05	0.0
419	2	6.38e-03	-0.01	-0.09	-7.07e-05	-8.13e-05	0.0
419	4	7.12e-03	-0.01	-0.09	-7.44e-05	-8.90e-05	0.0
419	8	0.03	-0.02	-0.08	-1.16e-04	6.82e-05	0.0
419	16	7.50e-03	-9.53e-03	-0.05	-5.18e-05	-1.28e-05	0.0
419	22	3.28e-03	-8.15e-03	-0.05	-3.97e-05	-4.32e-05	0.0
419	24	2.64e-03	-7.30e-03	-0.04	-3.40e-05	-3.56e-05	0.0
420	2	6.52e-03	-0.01	-0.08	-9.46e-05	-6.94e-05	-4.11e-05
420	4	7.29e-03	-0.01	-0.09	-1.01e-04	-7.15e-05	-4.06e-05
420	8	0.03	-0.02	-0.08	-1.25e-04	7.53e-05	-6.07e-05
420	16	7.57e-03	-0.01	-0.05	-6.10e-05	-1.04e-05	-2.88e-05
420	22	3.35e-03	-9.04e-03	-0.05	-5.22e-05	-4.01e-05	-2.50e-05
420	24	2.70e-03	-8.06e-03	-0.04	-4.40e-05	-3.48e-05	-2.24e-05
421	1	3.63e-03	-7.33e-04	0.03	3.44e-05	-2.18e-05	-1.80e-05
421	2	-2.64e-03	-0.01	-0.08	-5.58e-05	8.05e-05	1.56e-05
421	4	-3.48e-03	-0.01	-0.09	-6.37e-05	8.56e-05	1.97e-05
421	6	-0.03	-0.02	-0.08	-9.85e-05	-6.44e-05	4.24e-05
421	14	-5.75e-03	-8.45e-03	-0.05	-3.76e-05	1.58e-05	1.10e-05
421	21	2.79e-03	-5.64e-04	0.02	2.64e-05	-1.68e-05	-1.38e-05
421	22	-9.68e-04	-6.92e-03	-0.04	-2.77e-05	4.46e-05	6.30e-06
421	23	2.79e-03	-5.64e-04	0.02	2.64e-05	-1.68e-05	-1.38e-05
421	24	-5.50e-04	-6.22e-03	-0.04	-2.17e-05	3.78e-05	4.06e-06
422	2	-2.84e-03	-0.01	-0.08	-7.73e-05	7.57e-05	2.90e-05
422	4	-3.68e-03	-0.01	-0.09	-8.49e-05	7.86e-05	3.10e-05
422	6	-0.03	-0.02	-0.08	-1.11e-04	-6.90e-05	5.27e-05
422	14	-5.85e-03	-9.38e-03	-0.04	-4.94e-05	1.45e-05	2.04e-05
422	21	2.79e-03	-2.10e-04	0.02	2.53e-05	-9.45e-06	-6.45e-06
422	22	-1.09e-03	-7.65e-03	-0.04	-4.08e-05	4.34e-05	1.60e-05
422	23	2.79e-03	-2.10e-04	0.02	2.53e-05	-9.45e-06	-6.45e-06
422	24	-6.61e-04	-6.82e-03	-0.04	-3.35e-05	3.75e-05	1.35e-05
423	1	3.57e-03	-1.33e-03	0.03	3.44e-05	-2.89e-05	-2.23e-05
423	2	-2.25e-03	-0.01	-0.08	-1.24e-05	7.66e-05	3.63e-06
423	4	-3.08e-03	-9.92e-03	-0.09	-2.03e-05	8.33e-05	8.78e-06
423	5	-0.03	-0.02	-0.07	-3.13e-05	-6.32e-05	1.83e-05
423	6	-0.03	-0.02	-0.08	-7.47e-05	-6.59e-05	3.33e-05
423	14	-5.56e-03	-7.70e-03	-0.05	-1.45e-05	1.27e-05	3.57e-06
423	21	2.75e-03	-1.03e-03	0.02	2.65e-05	-2.22e-05	-1.72e-05
423	22	-7.48e-04	-6.36e-03	-0.05	-1.58e-06	4.11e-05	-1.59e-06
423	23	2.75e-03	-1.03e-03	0.02	2.65e-05	-2.22e-05	-1.72e-05
423	24	-3.60e-04	-5.77e-03	-0.04	1.54e-06	3.40e-05	-3.32e-06
424	1	3.40e-03	-2.00e-03	0.03	3.14e-05	-3.18e-05	-2.25e-05
424	2	-1.78e-03	-9.34e-03	-0.09	3.60e-05	6.90e-05	-3.05e-06
424	4	-2.56e-03	-8.88e-03	-0.09	2.87e-05	7.63e-05	2.15e-06
424	5	-0.03	-0.01	-0.07	1.25e-05	-6.54e-05	1.36e-05
424	6	-0.03	-0.01	-0.07	-4.87e-05	-6.91e-05	2.79e-05
424	13	-5.27e-03	-7.11e-03	-0.04	2.00e-05	9.06e-06	-2.24e-06
424	14	-5.34e-03	-7.10e-03	-0.05	1.05e-05	8.50e-06	0.0
424	21	2.62e-03	-1.54e-03	0.02	2.42e-05	-2.45e-05	-1.73e-05
424	22	-4.91e-04	-5.94e-03	-0.05	2.69e-05	3.60e-05	-5.64e-06
424	23	2.62e-03	-1.54e-03	0.02	2.42e-05	-2.45e-05	-1.73e-05
424	24	-1.46e-04	-5.46e-03	-0.04	2.66e-05	2.93e-05	-6.94e-06
425	1	3.13e-03	-2.66e-03	0.03	2.60e-05	-3.12e-05	-2.05e-05
425	2	-1.25e-03	-8.65e-03	-0.09	8.36e-05	6.11e-05	-6.41e-06
425	4	-1.97e-03	-8.04e-03	-0.10	7.76e-05	6.83e-05	-1.68e-06
425	5	-0.03	-0.01	-0.06	5.63e-05	-6.82e-05	1.16e-05
425	6	-0.03	-0.01	-0.07	-2.29e-05	-7.22e-05	2.46e-05
425	13	-5.05e-03	-6.65e-03	-0.04	4.69e-05	5.41e-06	-3.70e-06
425	14	-5.11e-03	-6.61e-03	-0.05	3.47e-05	4.80e-06	-1.82e-06
425	15	5.25e-03	-3.87e-03	-0.03	6.67e-05	4.57e-05	-1.47e-05
425	21	2.41e-03	-2.05e-03	0.02	2.00e-05	-2.40e-05	-1.58e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
425	22	-2.20e-04	-5.64e-03	-0.05	5.46e-05	3.14e-05	-7.32e-06
425	23	2.41e-03	-2.05e-03	0.02	2.00e-05	-2.40e-05	-1.58e-05
425	24	7.18e-05	-5.24e-03	-0.04	5.07e-05	2.52e-05	-8.26e-06
426	1	2.75e-03	-3.26e-03	0.03	1.92e-05	-2.84e-05	-1.75e-05
426	2	-6.78e-04	-8.11e-03	-0.09	1.27e-04	5.30e-05	-7.69e-06
426	4	-1.31e-03	-7.35e-03	-0.10	1.23e-04	5.96e-05	-3.65e-06
426	5	-0.03	-0.01	-0.06	9.74e-05	-7.14e-05	1.12e-05
426	6	-0.03	-0.01	-0.07	1.18e-06	-7.52e-05	2.26e-05
426	7	0.03	5.89e-04	-0.02	1.80e-04	1.26e-04	-4.22e-05
426	13	-4.83e-03	-6.26e-03	-0.04	7.12e-05	1.98e-06	-3.80e-06
426	14	-4.88e-03	-6.20e-03	-0.05	5.66e-05	1.40e-06	-2.15e-06
426	15	5.45e-03	-3.99e-03	-0.04	8.80e-05	4.18e-05	-1.43e-05
426	21	2.12e-03	-2.51e-03	0.02	1.48e-05	-2.18e-05	-1.35e-05
426	22	5.90e-05	-5.42e-03	-0.05	7.95e-05	2.70e-05	-7.58e-06
426	23	2.12e-03	-2.51e-03	0.02	1.48e-05	-2.18e-05	-1.35e-05
426	24	2.88e-04	-5.09e-03	-0.04	7.23e-05	2.16e-05	-8.23e-06
427	1	2.30e-03	-3.78e-03	0.03	1.22e-05	-2.41e-05	-1.41e-05
427	2	-7.46e-05	-7.70e-03	-0.09	1.65e-04	4.47e-05	-7.68e-06
427	4	-6.05e-04	-6.82e-03	-0.10	1.62e-04	5.02e-05	-4.43e-06
427	5	-0.03	-9.75e-03	-0.05	1.34e-04	-7.50e-05	1.21e-05
427	6	-0.03	-8.98e-03	-0.06	2.30e-05	-7.83e-05	2.16e-05
427	7	0.03	-5.94e-04	-0.02	2.01e-04	1.20e-04	-3.96e-05
427	13	-4.61e-03	-5.93e-03	-0.04	9.22e-05	-1.35e-06	-3.09e-06
427	14	-4.65e-03	-5.85e-03	-0.05	7.54e-05	-1.86e-06	-1.72e-06
427	15	5.66e-03	-4.15e-03	-0.04	1.06e-04	3.82e-05	-1.31e-05
427	21	1.77e-03	-2.91e-03	0.03	9.35e-06	-1.85e-05	-1.09e-05
427	22	3.44e-04	-5.26e-03	-0.05	1.01e-04	2.27e-05	-7.00e-06
427	23	1.77e-03	-2.91e-03	0.03	9.35e-06	-1.85e-05	-1.09e-05
427	24	5.02e-04	-5.00e-03	-0.04	9.06e-05	1.82e-05	-7.43e-06
428	1	1.78e-03	-4.20e-03	0.03	5.80e-06	-1.87e-05	-1.06e-05
428	2	5.56e-04	-7.41e-03	-0.09	1.94e-04	3.61e-05	-6.89e-06
428	4	1.46e-04	-6.44e-03	-0.10	1.93e-04	4.04e-05	-4.45e-06
428	5	-0.03	-8.56e-03	-0.05	1.65e-04	-7.88e-05	1.39e-05
428	6	-0.03	-7.69e-03	-0.06	4.20e-05	-8.14e-05	2.11e-05
428	7	0.03	-1.77e-03	-0.02	2.16e-04	1.15e-04	-3.62e-05
428	13	-4.39e-03	-5.65e-03	-0.04	1.09e-04	-4.66e-06	-1.88e-06
428	14	-4.42e-03	-5.56e-03	-0.04	9.07e-05	-5.06e-06	0.0
428	15	5.86e-03	-4.33e-03	-0.04	1.20e-04	3.47e-05	-1.15e-05
428	21	1.37e-03	-3.23e-03	0.03	4.46e-06	-1.44e-05	-8.14e-06
428	22	6.35e-04	-5.16e-03	-0.05	1.18e-04	1.85e-05	-5.93e-06
428	23	1.37e-03	-3.23e-03	0.03	4.46e-06	-1.44e-05	-8.14e-06
428	24	7.16e-04	-4.94e-03	-0.04	1.05e-04	1.48e-05	-6.17e-06
429	1	1.21e-03	-4.51e-03	0.03	0.0	-1.28e-05	-7.04e-06
429	2	1.21e-03	-7.24e-03	-0.09	2.16e-04	2.72e-05	-5.63e-06
429	4	9.28e-04	-6.20e-03	-0.10	2.16e-04	3.02e-05	-4.00e-06
429	6	-0.03	-6.49e-03	-0.05	5.82e-05	-8.46e-05	2.12e-05
429	7	0.03	-2.94e-03	-0.03	2.24e-04	1.10e-04	-3.25e-05
429	9	-6.68e-03	-8.04e-03	-0.03	4.46e-04	-1.26e-05	-9.87e-06
429	13	-4.18e-03	-5.41e-03	-0.04	1.22e-04	-7.98e-06	0.0
429	15	6.06e-03	-4.54e-03	-0.04	1.29e-04	3.13e-05	-9.68e-06
429	18	-6.40e-04	-4.89e-03	-0.04	8.13e-05	5.15e-06	-2.06e-06
429	21	9.32e-04	-3.47e-03	0.03	0.0	-9.85e-06	-5.41e-06
429	22	9.30e-04	-5.11e-03	-0.05	1.30e-04	1.42e-05	-4.57e-06
429	23	9.32e-04	-3.47e-03	0.03	0.0	-9.85e-06	-5.41e-06
429	24	9.30e-04	-4.92e-03	-0.04	1.15e-04	1.15e-05	-4.66e-06
430	2	1.87e-03	-7.18e-03	-0.09	2.29e-04	1.82e-05	-4.10e-06
430	4	1.73e-03	-6.10e-03	-0.10	2.30e-04	1.97e-05	-3.29e-06
430	7	0.03	-4.10e-03	-0.03	2.26e-04	1.06e-04	-2.87e-05
430	9	-6.64e-03	-7.82e-03	-0.03	4.68e-04	-1.82e-05	-2.14e-06
430	10	-6.90e-03	-4.56e-03	-0.05	1.00e-05	-2.13e-05	6.09e-06
430	13	-3.96e-03	-5.21e-03	-0.04	1.30e-04	-1.13e-05	1.37e-06
430	15	6.26e-03	-4.78e-03	-0.04	1.34e-04	2.78e-05	-7.76e-06
430	18	-4.07e-04	-4.82e-03	-0.04	8.66e-05	2.08e-06	-1.04e-06
430	22	1.23e-03	-5.10e-03	-0.05	1.37e-04	9.84e-06	-3.05e-06
430	24	1.14e-03	-4.94e-03	-0.04	1.22e-04	8.19e-06	-3.01e-06
431	2	2.55e-03	-7.24e-03	-0.09	2.33e-04	9.17e-06	-2.46e-06
431	4	2.55e-03	-6.14e-03	-0.10	2.34e-04	9.17e-06	-2.46e-06
431	8	0.03	-4.28e-03	-0.05	8.10e-05	1.01e-04	-2.51e-05
431	11	9.33e-03	-7.56e-03	-0.03	4.77e-04	3.38e-05	-8.46e-06
431	12	9.33e-03	-4.26e-03	-0.05	1.29e-05	3.38e-05	-8.46e-06
431	16	6.47e-03	-4.93e-03	-0.04	1.13e-04	2.45e-05	-5.85e-06
431	19	2.89e-03	-5.16e-03	-0.04	1.58e-04	1.08e-05	-2.67e-06
431	20	2.89e-03	-4.80e-03	-0.04	8.84e-05	1.08e-05	-2.67e-06
431	22	1.53e-03	-5.15e-03	-0.05	1.39e-04	5.50e-06	-1.47e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
431	24	1.36e-03	-4.98e-03	-0.04	1.23e-04	4.89e-06	-1.31e-06
432	2	3.22e-03	-7.40e-03	-0.09	2.28e-04	0.0	0.0
432	4	3.36e-03	-6.32e-03	-0.10	2.28e-04	-1.37e-06	-1.65e-06
432	8	0.03	-5.48e-03	-0.05	7.04e-05	9.77e-05	-2.43e-05
432	11	9.36e-03	-7.94e-03	-0.03	4.67e-04	2.80e-05	0.0
432	12	9.62e-03	-4.68e-03	-0.05	9.21e-06	3.11e-05	-8.72e-06
432	15	6.68e-03	-5.33e-03	-0.04	1.29e-04	2.11e-05	-4.01e-06
432	16	6.69e-03	-5.22e-03	-0.04	1.09e-04	2.13e-05	-4.37e-06
432	20	3.12e-03	-4.94e-03	-0.05	8.58e-05	7.71e-06	-1.60e-06
432	22	1.83e-03	-5.24e-03	-0.05	1.36e-04	1.18e-06	0.0
432	24	1.57e-03	-5.06e-03	-0.04	1.21e-04	1.60e-06	0.0
433	2	3.89e-03	-7.68e-03	-0.10	2.13e-04	-8.80e-06	0.0
433	4	4.17e-03	-6.64e-03	-0.10	2.13e-04	-1.18e-05	0.0
433	8	0.03	-6.73e-03	-0.06	5.66e-05	9.44e-05	-2.38e-05
433	11	9.40e-03	-8.27e-03	-0.03	4.44e-04	2.24e-05	7.21e-06
433	15	6.89e-03	-5.65e-03	-0.04	1.20e-04	1.78e-05	-2.31e-06
433	16	6.92e-03	-5.55e-03	-0.05	1.00e-04	1.81e-05	-3.02e-06
433	20	3.36e-03	-5.12e-03	-0.05	7.97e-05	4.68e-06	0.0
433	22	2.13e-03	-5.37e-03	-0.05	1.28e-04	-3.11e-06	1.57e-06
433	24	1.79e-03	-5.16e-03	-0.04	1.14e-04	-1.67e-06	2.00e-06
434	2	4.54e-03	-8.08e-03	-0.09	1.90e-04	-1.75e-05	1.82e-06
434	4	4.95e-03	-7.11e-03	-0.10	1.89e-04	-2.19e-05	0.0
434	7	0.03	-8.92e-03	-0.05	1.63e-04	8.87e-05	-1.66e-05
434	8	0.03	-8.05e-03	-0.06	3.97e-05	9.13e-05	-2.38e-05
434	15	7.11e-03	-6.01e-03	-0.04	1.07e-04	1.45e-05	0.0
434	16	7.14e-03	-5.92e-03	-0.05	8.83e-05	1.49e-05	-1.88e-06
434	22	2.42e-03	-5.56e-03	-0.05	1.15e-04	-7.35e-06	2.89e-06
434	24	2.00e-03	-5.30e-03	-0.04	1.03e-04	-4.93e-06	3.47e-06
435	2	5.17e-03	-8.60e-03	-0.09	1.59e-04	-2.60e-05	2.54e-06
435	4	5.70e-03	-7.72e-03	-0.10	1.56e-04	-3.15e-05	0.0
435	7	0.03	-0.01	-0.06	1.31e-04	8.49e-05	-1.49e-05
435	8	0.03	-9.46e-03	-0.06	1.98e-05	8.83e-05	-2.43e-05
435	15	7.33e-03	-6.41e-03	-0.05	8.90e-05	1.13e-05	0.0
435	16	7.37e-03	-6.33e-03	-0.05	7.22e-05	1.18e-05	-1.03e-06
435	22	2.71e-03	-5.80e-03	-0.05	9.72e-05	-1.15e-05	3.91e-06
435	24	2.21e-03	-5.48e-03	-0.04	8.74e-05	-8.18e-06	4.68e-06
436	2	5.77e-03	-9.24e-03	-0.09	1.20e-04	-3.40e-05	2.50e-06
436	4	6.40e-03	-8.49e-03	-0.10	1.15e-04	-4.06e-05	-1.54e-06
436	7	0.03	-0.01	-0.06	9.34e-05	8.15e-05	-1.40e-05
436	8	0.03	-0.01	-0.07	-2.77e-06	8.54e-05	-2.54e-05
436	15	7.54e-03	-6.86e-03	-0.05	6.73e-05	8.15e-06	1.03e-06
436	16	7.59e-03	-6.80e-03	-0.05	5.27e-05	8.74e-06	0.0
436	22	3.00e-03	-6.10e-03	-0.05	7.51e-05	-1.56e-05	4.46e-06
436	24	2.43e-03	-5.70e-03	-0.04	6.84e-05	-1.15e-05	5.46e-06
437	2	6.33e-03	-0.01	-0.09	7.48e-05	-4.17e-05	1.27e-06
437	4	7.05e-03	-9.41e-03	-0.10	6.88e-05	-4.89e-05	-3.46e-06
437	7	0.03	-0.01	-0.06	5.16e-05	7.85e-05	-1.43e-05
437	8	0.03	-0.01	-0.07	-2.76e-05	8.25e-05	-2.74e-05
437	15	7.76e-03	-7.38e-03	-0.05	4.22e-05	4.96e-06	0.0
437	16	7.82e-03	-7.34e-03	-0.05	3.01e-05	5.56e-06	0.0
437	22	3.27e-03	-6.46e-03	-0.05	4.93e-05	-1.97e-05	4.23e-06
437	24	2.64e-03	-5.97e-03	-0.04	4.60e-05	-1.49e-05	5.52e-06
438	2	6.85e-03	-0.01	-0.09	2.59e-05	-4.88e-05	-1.88e-06
438	4	7.63e-03	-0.01	-0.10	1.86e-05	-5.62e-05	-7.07e-06
438	7	0.03	-0.01	-0.07	7.11e-06	7.61e-05	-1.62e-05
438	8	0.03	-0.01	-0.08	-5.41e-05	7.98e-05	-3.06e-05
438	15	7.97e-03	-7.97e-03	-0.05	1.46e-05	1.67e-06	0.0
438	16	8.04e-03	-7.96e-03	-0.05	5.14e-06	2.23e-06	-2.42e-06
438	22	3.53e-03	-6.91e-03	-0.05	2.08e-05	-2.39e-05	2.68e-06
438	24	2.85e-03	-6.32e-03	-0.04	2.12e-05	-1.86e-05	4.31e-06
439	2	7.30e-03	-0.01	-0.09	-2.37e-05	-5.54e-05	-8.02e-06
439	4	8.12e-03	-0.01	-0.10	-3.17e-05	-6.20e-05	-1.32e-05
439	7	0.03	-0.02	-0.07	-3.74e-05	7.45e-05	-2.06e-05
439	8	0.03	-0.02	-0.08	-8.08e-05	7.72e-05	-3.57e-05
439	16	8.25e-03	-8.69e-03	-0.05	-2.06e-05	-1.43e-06	-5.91e-06
439	22	3.78e-03	-7.47e-03	-0.05	-8.41e-06	-2.83e-05	-1.04e-06
439	24	3.05e-03	-6.75e-03	-0.04	-4.53e-06	-2.27e-05	0.0
440	2	7.66e-03	-0.01	-0.09	-6.82e-05	-5.79e-05	-1.93e-05
440	4	8.49e-03	-0.01	-0.10	-7.62e-05	-6.29e-05	-2.35e-05
440	8	0.03	-0.02	-0.08	-1.05e-04	7.65e-05	-4.44e-05
440	16	8.42e-03	-9.56e-03	-0.05	-4.42e-05	-3.77e-06	-1.30e-05
440	22	3.98e-03	-8.16e-03	-0.05	-3.51e-05	-3.10e-05	-8.55e-06
440	24	3.23e-03	-7.32e-03	-0.04	-2.83e-05	-2.57e-05	-6.06e-06
441	2	7.83e-03	-0.01	-0.09	-9.03e-05	-5.13e-05	-3.20e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
441	4	8.67e-03	-0.01	-0.09	-9.78e-05	-5.41e-05	-3.40e-05
441	8	0.03	-0.02	-0.09	-1.18e-04	8.20e-05	-5.43e-05
441	16	8.51e-03	-0.01	-0.05	-5.63e-05	-1.46e-06	-2.20e-05
441	22	4.09e-03	-9.01e-03	-0.05	-4.86e-05	-2.87e-05	-1.78e-05
441	24	3.32e-03	-8.03e-03	-0.04	-4.04e-05	-2.44e-05	-1.51e-05
442	2	4.10e-03	-1.04e-03	-2.00e-03	0.0	8.54e-05	-9.19e-05
442	4	3.60e-03	-1.12e-03	-2.26e-03	0.0	7.34e-05	-7.88e-05
442	5	8.03e-04	-1.59e-03	-1.33e-03	0.0	2.93e-05	-1.56e-05
442	6	8.79e-04	-1.55e-03	-1.33e-03	0.0	3.09e-05	-1.74e-05
442	8	7.29e-03	6.90e-04	-1.69e-04	0.0	1.50e-04	-1.73e-04
442	13	2.21e-03	-7.00e-04	-9.20e-04	0.0	4.89e-05	-5.04e-05
442	16	3.19e-03	-2.66e-04	-6.96e-04	0.0	6.67e-05	-7.45e-05
442	22	2.83e-03	-5.74e-04	-1.01e-03	0.0	6.00e-05	-6.48e-05
442	23	1.67e-03	2.41e-04	8.47e-04	0.0	4.00e-05	-4.38e-05
442	24	2.70e-03	-4.83e-04	-8.08e-04	0.0	5.78e-05	-6.25e-05
443	1	0.0	0.0	0.0	0.0	2.25e-05	-5.93e-05
443	4	0.0	0.0	0.0	0.0	3.01e-05	-8.16e-05
443	5	0.0	0.0	0.0	0.0	1.21e-05	-1.87e-05
443	8	0.0	0.0	0.0	0.0	6.28e-05	-1.76e-04
443	13	0.0	0.0	0.0	0.0	2.04e-05	-5.29e-05
443	16	0.0	0.0	0.0	0.0	2.79e-05	-7.67e-05
443	21	0.0	0.0	0.0	0.0	1.73e-05	-4.56e-05
443	22	0.0	0.0	0.0	0.0	2.50e-05	-6.72e-05
443	23	0.0	0.0	0.0	0.0	1.73e-05	-4.56e-05
443	24	0.0	0.0	0.0	0.0	2.41e-05	-6.48e-05
444	2	7.63e-03	-5.66e-04	-1.95e-03	0.0	8.04e-05	-1.76e-04
444	4	6.45e-03	-5.69e-04	-2.19e-03	0.0	6.30e-05	-1.49e-04
444	5	2.04e-03	-1.08e-03	-1.27e-03	0.0	2.66e-05	-4.35e-05
444	8	0.01	4.97e-04	-2.10e-04	0.0	1.65e-04	-3.31e-04
444	13	4.37e-03	-4.50e-04	-8.98e-04	0.0	5.03e-05	-1.00e-04
444	16	6.18e-03	-1.47e-04	-6.93e-04	0.0	7.12e-05	-1.44e-04
444	22	5.45e-03	-3.37e-04	-9.94e-04	0.0	6.10e-05	-1.26e-04
444	24	5.28e-03	-2.99e-04	-7.96e-04	0.0	6.07e-05	-1.22e-04
445	4	0.0	0.0	0.0	0.0	2.98e-05	-1.53e-04
445	5	0.0	0.0	0.0	0.0	1.23e-05	-4.83e-05
445	13	0.0	0.0	0.0	0.0	2.32e-05	-1.05e-04
445	22	0.0	0.0	0.0	0.0	2.83e-05	-1.31e-04
445	24	0.0	0.0	0.0	0.0	2.81e-05	-1.27e-04
446	1	8.57e-03	-1.91e-04	9.86e-04	0.0	8.20e-05	-1.96e-04
446	2	0.01	-1.55e-04	-1.91e-03	0.0	7.35e-05	-2.52e-04
446	4	8.91e-03	-1.11e-04	-2.14e-03	0.0	5.45e-05	-2.07e-04
446	5	3.06e-03	-6.46e-04	-1.25e-03	0.0	2.08e-05	-6.67e-05
446	6	3.31e-03	-5.46e-04	-1.25e-03	0.0	2.33e-05	-7.27e-05
446	8	0.02	3.72e-04	-2.21e-04	0.0	1.68e-04	-4.95e-04
446	13	6.46e-03	-2.26e-04	-8.88e-04	0.0	4.71e-05	-1.48e-04
446	16	9.20e-03	-2.91e-05	-6.90e-04	0.0	6.99e-05	-2.13e-04
446	21	6.59e-03	-1.47e-04	7.58e-04	0.0	6.31e-05	-1.51e-04
446	22	7.99e-03	-1.25e-04	-9.82e-04	0.0	5.79e-05	-1.84e-04
446	23	6.59e-03	-1.47e-04	7.58e-04	0.0	6.31e-05	-1.51e-04
446	24	7.83e-03	-1.28e-04	-7.89e-04	0.0	5.85e-05	-1.81e-04
447	1	0.0	0.0	0.0	0.0	3.73e-05	-2.06e-04
447	2	0.0	0.0	0.0	0.0	3.37e-05	-2.60e-04
447	4	0.0	0.0	0.0	0.0	2.51e-05	-2.13e-04
447	5	0.0	0.0	0.0	0.0	9.52e-06	-7.25e-05
447	7	0.0	0.0	0.0	0.0	7.56e-05	-5.02e-04
447	13	0.0	0.0	0.0	0.0	2.15e-05	-1.54e-04
447	17	0.0	0.0	0.0	0.0	2.49e-05	-1.76e-04
447	21	0.0	0.0	0.0	0.0	2.87e-05	-1.59e-04
447	22	0.0	0.0	0.0	0.0	2.65e-05	-1.91e-04
447	23	0.0	0.0	0.0	0.0	2.87e-05	-1.59e-04
447	24	0.0	0.0	0.0	0.0	2.67e-05	-1.87e-04
448	1	0.01	-3.55e-04	9.43e-04	0.0	7.89e-05	-2.75e-04
448	2	0.01	2.32e-04	-1.88e-03	0.0	6.54e-05	-3.20e-04
448	4	0.01	3.14e-04	-2.10e-03	0.0	4.72e-05	-2.57e-04
448	6	4.15e-03	-1.15e-04	-1.24e-03	0.0	1.67e-05	-9.25e-05
448	8	0.03	2.82e-04	-2.21e-04	0.0	1.64e-04	-6.58e-04
448	9	7.45e-03	-3.02e-04	-9.11e-04	0.0	3.50e-05	-1.70e-04
448	14	8.39e-03	1.77e-05	-8.79e-04	0.0	4.20e-05	-1.93e-04
448	16	0.01	9.14e-05	-6.85e-04	0.0	6.54e-05	-2.80e-04
448	20	0.01	9.99e-05	-7.53e-04	0.0	5.78e-05	-2.51e-04
448	21	9.25e-03	-2.73e-04	7.25e-04	0.0	6.07e-05	-2.12e-04
448	22	0.01	7.90e-05	-9.70e-04	0.0	5.26e-05	-2.39e-04
448	23	9.25e-03	-2.73e-04	7.25e-04	0.0	6.07e-05	-2.12e-04
448	24	0.01	3.99e-05	-7.82e-04	0.0	5.35e-05	-2.36e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
449	1	0.0	0.0	0.0	0.0	3.60e-05	-2.88e-04
449	4	0.0	0.0	0.0	0.0	2.17e-05	-2.64e-04
449	5	0.0	0.0	0.0	0.0	6.39e-06	-9.00e-05
449	7	0.0	0.0	0.0	0.0	7.38e-05	-6.67e-04
449	9	0.0	0.0	0.0	0.0	1.61e-05	-1.78e-04
449	13	0.0	0.0	0.0	0.0	1.91e-05	-1.99e-04
449	15	0.0	0.0	0.0	0.0	2.98e-05	-2.87e-04
449	20	0.0	0.0	0.0	0.0	2.65e-05	-2.59e-04
449	21	0.0	0.0	0.0	0.0	2.77e-05	-2.21e-04
449	22	0.0	0.0	0.0	0.0	2.41e-05	-2.47e-04
449	23	0.0	0.0	0.0	0.0	2.77e-05	-2.21e-04
449	24	0.0	0.0	0.0	0.0	2.45e-05	-2.44e-04
450	2	0.02	6.21e-04	-1.85e-03	0.0	5.77e-05	-3.81e-04
450	4	0.01	7.38e-04	-2.06e-03	0.0	4.12e-05	-3.01e-04
450	6	4.71e-03	3.10e-04	-1.23e-03	0.0	1.04e-05	-1.06e-04
450	8	0.03	2.13e-04	-2.17e-04	0.0	1.57e-04	-8.17e-04
450	10	0.01	4.13e-04	-9.15e-04	0.0	3.87e-05	-2.40e-04
450	14	0.01	2.42e-04	-8.71e-04	0.0	3.61e-05	-2.32e-04
450	16	0.01	2.19e-04	-6.78e-04	0.0	5.97e-05	-3.42e-04
450	18	0.01	2.77e-04	-8.04e-04	0.0	4.49e-05	-2.72e-04
450	21	0.01	-3.90e-04	6.94e-04	0.0	5.50e-05	-2.69e-04
450	22	0.01	2.87e-04	-9.57e-04	0.0	4.67e-05	-2.88e-04
450	23	0.01	-3.90e-04	6.94e-04	0.0	5.50e-05	-2.69e-04
450	24	0.01	2.12e-04	-7.74e-04	0.0	4.77e-05	-2.86e-04
451	1	0.0	0.0	0.0	0.0	3.27e-05	-3.64e-04
451	4	0.0	0.0	0.0	0.0	1.90e-05	-3.08e-04
451	5	0.0	0.0	0.0	0.0	3.34e-06	-1.00e-04
451	7	0.0	0.0	0.0	0.0	7.04e-05	-8.25e-04
451	10	0.0	0.0	0.0	0.0	1.78e-05	-2.48e-04
451	13	0.0	0.0	0.0	0.0	1.63e-05	-2.38e-04
451	15	0.0	0.0	0.0	0.0	2.72e-05	-3.50e-04
451	18	0.0	0.0	0.0	0.0	2.06e-05	-2.81e-04
451	21	0.0	0.0	0.0	0.0	2.52e-05	-2.80e-04
451	22	0.0	0.0	0.0	0.0	2.15e-05	-2.97e-04
451	23	0.0	0.0	0.0	0.0	2.52e-05	-2.80e-04
451	24	0.0	0.0	0.0	0.0	2.19e-05	-2.95e-04
452	2	0.02	1.03e-03	-1.81e-03	0.0	5.11e-05	-4.35e-04
452	4	0.01	1.19e-03	-2.01e-03	0.0	3.65e-05	-3.39e-04
452	6	5.01e-03	7.45e-04	-1.22e-03	0.0	5.03e-06	-1.14e-04
452	8	0.04	1.58e-04	-2.11e-04	0.0	1.48e-04	-9.67e-04
452	14	0.01	4.78e-04	-8.61e-04	0.0	3.07e-05	-2.65e-04
452	16	0.02	3.58e-04	-6.68e-04	0.0	5.42e-05	-3.98e-04
452	18	0.01	4.87e-04	-7.96e-04	0.0	3.95e-05	-3.14e-04
452	21	0.01	-5.10e-04	6.63e-04	0.0	4.86e-05	-3.20e-04
452	22	0.01	5.09e-04	-9.42e-04	0.0	4.14e-05	-3.32e-04
452	23	0.01	-5.10e-04	6.63e-04	0.0	4.86e-05	-3.20e-04
452	24	0.01	3.96e-04	-7.64e-04	0.0	4.22e-05	-3.30e-04
453	1	0.0	0.0	0.0	0.0	2.90e-05	-4.31e-04
453	4	0.0	0.0	0.0	0.0	1.68e-05	-3.47e-04
453	5	0.0	0.0	0.0	0.0	0.0	-1.05e-04
453	6	0.0	0.0	0.0	0.0	2.33e-06	-1.20e-04
453	7	0.0	0.0	0.0	0.0	6.66e-05	-9.75e-04
453	13	0.0	0.0	0.0	0.0	1.39e-05	-2.71e-04
453	15	0.0	0.0	0.0	0.0	2.47e-05	-4.07e-04
453	18	0.0	0.0	0.0	0.0	1.82e-05	-3.23e-04
453	21	0.0	0.0	0.0	0.0	2.23e-05	-3.32e-04
453	22	0.0	0.0	0.0	0.0	1.90e-05	-3.41e-04
453	23	0.0	0.0	0.0	0.0	2.23e-05	-3.32e-04
453	24	0.0	0.0	0.0	0.0	1.94e-05	-3.40e-04
454	2	0.02	1.50e-03	-1.78e-03	0.0	4.62e-05	-4.83e-04
454	4	0.02	1.69e-03	-1.97e-03	0.0	3.32e-05	-3.74e-04
454	6	5.11e-03	1.21e-03	-1.22e-03	0.0	1.21e-06	-1.17e-04
454	8	0.05	1.15e-04	-2.04e-04	0.0	1.41e-04	-1.11e-03
454	14	0.01	7.38e-04	-8.53e-04	0.0	2.66e-05	-2.93e-04
454	16	0.02	5.17e-04	-6.59e-04	0.0	4.99e-05	-4.50e-04
454	22	0.02	7.58e-04	-9.28e-04	0.0	3.73e-05	-3.71e-04
454	23	0.02	-6.47e-04	6.37e-04	0.0	4.34e-05	-3.66e-04
454	24	0.02	6.02e-04	-7.54e-04	0.0	3.80e-05	-3.70e-04
455	1	0.0	0.0	0.0	0.0	2.59e-05	-4.91e-04
455	4	0.0	0.0	0.0	0.0	1.53e-05	-3.82e-04
455	5	0.0	0.0	0.0	0.0	-1.03e-06	-1.04e-04
455	6	0.0	0.0	0.0	0.0	0.0	-1.22e-04
455	7	0.0	0.0	0.0	0.0	6.34e-05	-1.12e-03
455	13	0.0	0.0	0.0	0.0	1.20e-05	-2.99e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
455	14	0.0	0.0	0.0	0.0	1.22e-05	-3.01e-04
455	15	0.0	0.0	0.0	0.0	2.27e-05	-4.58e-04
455	21	0.0	0.0	0.0	0.0	2.00e-05	-3.77e-04
455	22	0.0	0.0	0.0	0.0	1.72e-05	-3.80e-04
455	23	0.0	0.0	0.0	0.0	2.00e-05	-3.77e-04
455	24	0.0	0.0	0.0	0.0	1.75e-05	-3.80e-04
456	1	0.02	-1.07e-03	8.04e-04	0.0	5.25e-05	-5.30e-04
456	4	0.02	2.31e-03	-1.95e-03	0.0	3.14e-05	-4.05e-04
456	6	5.09e-03	1.74e-03	-1.23e-03	0.0	0.0	-1.18e-04
456	8	0.05	8.42e-05	-1.94e-04	0.0	1.37e-04	-1.25e-03
456	14	0.01	1.04e-03	-8.54e-04	0.0	2.43e-05	-3.19e-04
456	16	0.02	7.13e-04	-6.54e-04	0.0	4.74e-05	-4.98e-04
456	21	0.02	-8.20e-04	6.19e-04	0.0	4.04e-05	-4.08e-04
456	22	0.02	1.06e-03	-9.21e-04	0.0	3.50e-05	-4.06e-04
456	23	0.02	-8.20e-04	6.19e-04	0.0	4.04e-05	-4.08e-04
456	24	0.02	8.49e-04	-7.50e-04	0.0	3.56e-05	-4.06e-04
457	1	0.0	0.0	0.0	0.0	2.48e-05	-5.45e-04
457	4	0.0	0.0	0.0	0.0	1.48e-05	-4.14e-04
457	6	0.0	0.0	0.0	0.0	0.0	-1.22e-04
457	7	0.0	0.0	0.0	0.0	6.32e-05	-1.25e-03
457	14	0.0	0.0	0.0	0.0	1.15e-05	-3.27e-04
457	15	0.0	0.0	0.0	0.0	2.21e-05	-5.06e-04
457	21	0.0	0.0	0.0	0.0	1.91e-05	-4.19e-04
457	22	0.0	0.0	0.0	0.0	1.65e-05	-4.16e-04
457	23	0.0	0.0	0.0	0.0	1.91e-05	-4.19e-04
457	24	0.0	0.0	0.0	0.0	1.68e-05	-4.17e-04
458	1	0.02	-1.39e-03	8.16e-04	0.0	5.31e-05	-5.84e-04
458	4	0.02	3.14e-03	-2.00e-03	0.0	3.18e-05	-4.37e-04
458	6	5.02e-03	2.41e-03	-1.31e-03	0.0	-1.43e-06	-1.17e-04
458	8	0.06	7.53e-05	-1.83e-04	0.0	1.41e-04	-1.39e-03
458	14	0.01	1.44e-03	-8.87e-04	0.0	2.44e-05	-3.43e-04
458	16	0.02	9.81e-04	-6.70e-04	0.0	4.82e-05	-5.46e-04
458	21	0.02	-1.07e-03	6.28e-04	0.0	4.08e-05	-4.49e-04
458	22	0.02	1.46e-03	-9.48e-04	0.0	3.54e-05	-4.42e-04
458	23	0.02	-1.07e-03	6.28e-04	0.0	4.08e-05	-4.49e-04
458	24	0.02	1.18e-03	-7.73e-04	0.0	3.60e-05	-4.43e-04
459	1	0.0	0.0	0.0	0.0	2.22e-05	-6.00e-04
459	4	0.0	0.0	0.0	0.0	1.33e-05	-4.47e-04
459	6	0.0	0.0	0.0	0.0	0.0	-1.21e-04
459	8	0.0	0.0	0.0	0.0	5.88e-05	-1.42e-03
459	14	0.0	0.0	0.0	0.0	1.02e-05	-3.52e-04
459	16	0.0	0.0	0.0	0.0	2.01e-05	-5.60e-04
459	21	0.0	0.0	0.0	0.0	1.71e-05	-4.62e-04
459	22	0.0	0.0	0.0	0.0	1.48e-05	-4.53e-04
459	23	0.0	0.0	0.0	0.0	1.71e-05	-4.62e-04
459	24	0.0	0.0	0.0	0.0	1.50e-05	-4.54e-04
460	1	0.03	-2.08e-03	9.66e-04	0.0	5.68e-05	-6.11e-04
460	4	0.02	4.86e-03	-2.36e-03	0.0	3.40e-05	-4.54e-04
460	6	4.96e-03	3.63e-03	-1.59e-03	0.0	0.0	-1.16e-04
460	8	0.07	1.56e-04	-1.85e-04	0.0	1.49e-04	-1.46e-03
460	14	0.02	2.23e-03	-1.06e-03	0.0	2.62e-05	-3.56e-04
460	16	0.03	1.54e-03	-7.82e-04	0.0	5.13e-05	-5.71e-04
460	21	0.02	-1.60e-03	7.43e-04	0.0	4.37e-05	-4.70e-04
460	22	0.02	2.27e-03	-1.12e-03	0.0	3.78e-05	-4.60e-04
460	23	0.02	-1.60e-03	7.43e-04	0.0	4.37e-05	-4.70e-04
460	24	0.02	1.84e-03	-9.10e-04	0.0	3.85e-05	-4.62e-04
461	1	0.0	0.0	0.0	0.0	2.04e-05	-6.33e-04
461	4	0.0	0.0	0.0	0.0	1.22e-05	-4.67e-04
461	6	0.0	0.0	0.0	0.0	0.0	-1.20e-04
461	8	0.0	0.0	0.0	0.0	5.39e-05	-1.51e-03
461	14	0.0	0.0	0.0	0.0	9.43e-06	-3.67e-04
461	16	0.0	0.0	0.0	0.0	1.85e-05	-5.90e-04
461	21	0.0	0.0	0.0	0.0	1.57e-05	-4.87e-04
461	22	0.0	0.0	0.0	0.0	1.36e-05	-4.75e-04
461	23	0.0	0.0	0.0	0.0	1.57e-05	-4.87e-04
461	24	0.0	0.0	0.0	0.0	1.39e-05	-4.77e-04
462	2	7.94e-03	-2.08e-03	-4.52e-03	0.0	1.72e-04	-8.38e-05
462	4	6.99e-03	-2.22e-03	-5.12e-03	0.0	1.48e-04	-7.21e-05
462	5	1.34e-03	-3.16e-03	-3.18e-03	0.0	5.74e-05	-8.41e-06
462	6	1.50e-03	-3.08e-03	-3.21e-03	0.0	6.07e-05	-1.03e-05
462	8	0.01	1.36e-03	-1.59e-04	0.0	3.02e-04	-1.65e-04
462	13	4.21e-03	-1.39e-03	-2.09e-03	0.0	9.74e-05	-4.44e-05
462	14	4.24e-03	-1.38e-03	-2.10e-03	0.0	9.79e-05	-4.47e-05
462	16	6.20e-03	-5.33e-04	-1.52e-03	0.0	1.34e-04	-6.88e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
462	22	5.46e-03	-1.14e-03	-2.28e-03	0.0	1.20e-04	-5.89e-05
462	23	3.18e-03	4.69e-04	1.98e-03	0.0	7.80e-05	-3.89e-05
462	24	5.21e-03	-9.64e-04	-1.81e-03	0.0	1.16e-04	-5.66e-05
463	2	0.01	-1.13e-03	-4.38e-03	0.0	1.63e-04	-1.61e-04
463	4	0.01	-1.14e-03	-4.93e-03	0.0	1.29e-04	-1.37e-04
463	5	3.67e-03	-2.15e-03	-3.05e-03	0.0	5.32e-05	-3.22e-05
463	6	3.98e-03	-2.01e-03	-3.09e-03	0.0	5.75e-05	-3.60e-05
463	8	0.03	9.81e-04	-2.50e-04	0.0	3.34e-04	-3.10e-04
463	13	8.35e-03	-8.98e-04	-2.05e-03	0.0	1.01e-04	-8.88e-05
463	14	8.40e-03	-8.68e-04	-2.06e-03	0.0	1.02e-04	-8.94e-05
463	16	0.01	-2.95e-04	-1.51e-03	0.0	1.44e-04	-1.32e-04
463	22	0.01	-6.74e-04	-2.23e-03	0.0	1.24e-04	-1.14e-04
463	23	7.43e-03	2.58e-05	1.82e-03	0.0	1.16e-04	-7.91e-05
463	24	0.01	-5.96e-04	-1.78e-03	0.0	1.23e-04	-1.10e-04
464	1	0.02	-3.63e-04	2.23e-03	0.0	1.66e-04	-1.72e-04
464	2	0.02	-3.22e-04	-4.30e-03	0.0	1.50e-04	-2.31e-04
464	4	0.02	-2.38e-04	-4.81e-03	0.0	1.12e-04	-1.92e-04
464	5	5.64e-03	-1.29e-03	-2.99e-03	0.0	4.21e-05	-5.28e-05
464	6	6.14e-03	-1.09e-03	-3.03e-03	0.0	4.73e-05	-5.89e-05
464	8	0.04	7.37e-04	-2.96e-04	0.0	3.42e-04	-4.61e-04
464	13	0.01	-4.54e-04	-2.02e-03	0.0	9.57e-05	-1.32e-04
464	14	0.01	-4.10e-04	-2.03e-03	0.0	9.65e-05	-1.33e-04
464	16	0.02	-6.07e-05	-1.51e-03	0.0	1.42e-04	-1.95e-04
464	21	0.01	-2.79e-04	1.71e-03	0.0	1.28e-04	-1.32e-04
464	22	0.02	-2.55e-04	-2.20e-03	0.0	1.18e-04	-1.68e-04
464	23	0.01	-2.79e-04	1.71e-03	0.0	1.28e-04	-1.32e-04
464	24	0.02	-2.57e-04	-1.77e-03	0.0	1.19e-04	-1.64e-04
465	1	0.02	-6.88e-04	2.12e-03	0.0	1.61e-04	-2.45e-04
465	2	0.03	4.46e-04	-4.23e-03	0.0	1.34e-04	-2.96e-04
465	4	0.02	6.04e-04	-4.72e-03	0.0	9.69e-05	-2.39e-04
465	6	7.80e-03	-2.34e-04	-3.00e-03	0.0	3.46e-05	-7.75e-05
465	8	0.05	5.58e-04	-3.18e-04	0.0	3.35e-04	-6.14e-04
465	9	0.01	-6.06e-04	-2.03e-03	0.0	7.14e-05	-1.51e-04
465	14	0.02	3.09e-05	-2.02e-03	0.0	8.62e-05	-1.75e-04
465	16	0.02	1.78e-04	-1.50e-03	0.0	1.34e-04	-2.58e-04
465	20	0.02	1.94e-04	-1.70e-03	0.0	1.18e-04	-2.30e-04
465	21	0.02	-5.29e-04	1.63e-03	0.0	1.24e-04	-1.88e-04
465	22	0.02	1.51e-04	-2.18e-03	0.0	1.08e-04	-2.19e-04
465	23	0.02	-5.29e-04	1.63e-03	0.0	1.24e-04	-1.88e-04
465	24	0.02	7.55e-05	-1.76e-03	0.0	1.10e-04	-2.15e-04
466	2	0.03	1.22e-03	-4.18e-03	0.0	1.19e-04	-3.54e-04
466	4	0.03	1.45e-03	-4.65e-03	0.0	8.47e-05	-2.81e-04
466	6	8.92e-03	6.10e-04	-2.98e-03	0.0	2.19e-05	-9.08e-05
466	8	0.07	4.20e-04	-3.28e-04	0.0	3.21e-04	-7.63e-04
466	10	0.02	8.15e-04	-2.17e-03	0.0	7.99e-05	-2.20e-04
466	14	0.02	4.76e-04	-2.01e-03	0.0	7.44e-05	-2.12e-04
466	16	0.03	4.30e-04	-1.50e-03	0.0	1.23e-04	-3.16e-04
466	18	0.02	5.45e-04	-1.85e-03	0.0	9.24e-05	-2.50e-04
466	21	0.02	-7.61e-04	1.56e-03	0.0	1.13e-04	-2.42e-04
466	22	0.02	5.64e-04	-2.16e-03	0.0	9.61e-05	-2.65e-04
466	23	0.02	-7.61e-04	1.56e-03	0.0	1.13e-04	-2.42e-04
466	24	0.02	4.16e-04	-1.75e-03	0.0	9.80e-05	-2.63e-04
467	2	0.04	2.04e-03	-4.15e-03	0.0	1.05e-04	-4.05e-04
467	4	0.03	2.34e-03	-4.60e-03	0.0	7.51e-05	-3.18e-04
467	6	9.55e-03	1.48e-03	-2.98e-03	0.0	1.12e-05	-9.92e-05
467	8	0.08	3.09e-04	-3.30e-04	0.0	3.04e-04	-9.05e-04
467	14	0.02	9.44e-04	-2.01e-03	0.0	6.35e-05	-2.44e-04
467	16	0.03	7.06e-04	-1.50e-03	0.0	1.12e-04	-3.70e-04
467	18	0.03	9.63e-04	-1.85e-03	0.0	8.16e-05	-2.91e-04
467	22	0.03	1.00e-03	-2.15e-03	0.0	8.53e-05	-3.07e-04
467	23	0.03	-1.00e-03	1.51e-03	0.0	1.01e-04	-2.92e-04
467	24	0.03	7.81e-04	-1.75e-03	0.0	8.70e-05	-3.06e-04
468	2	0.04	2.96e-03	-4.14e-03	0.0	9.51e-05	-4.52e-04
468	4	0.03	3.34e-03	-4.58e-03	0.0	6.81e-05	-3.51e-04
468	6	9.81e-03	2.41e-03	-3.01e-03	0.0	3.44e-06	-1.04e-04
468	8	0.09	2.20e-04	-3.28e-04	0.0	2.89e-04	-1.04e-03
468	14	0.02	1.46e-03	-2.02e-03	0.0	5.51e-05	-2.71e-04
468	16	0.04	1.02e-03	-1.50e-03	0.0	1.03e-04	-4.19e-04
468	22	0.03	1.50e-03	-2.16e-03	0.0	7.68e-05	-3.45e-04
468	23	0.03	-1.27e-03	1.48e-03	0.0	8.99e-05	-3.36e-04
468	24	0.03	1.19e-03	-1.75e-03	0.0	7.83e-05	-3.44e-04
469	1	0.04	-2.09e-03	1.92e-03	0.0	1.08e-04	-4.90e-04
469	4	0.03	4.55e-03	-4.63e-03	0.0	6.42e-05	-3.81e-04
469	6	9.82e-03	3.46e-03	-3.09e-03	0.0	0.0	-1.05e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
469	8	0.10	1.55e-04	-3.25e-04	0.0	2.80e-04	-1.17e-03
469	14	0.03	2.06e-03	-2.06e-03	0.0	5.03e-05	-2.96e-04
469	16	0.04	1.40e-03	-1.52e-03	0.0	9.72e-05	-4.65e-04
469	21	0.03	-1.61e-03	1.47e-03	0.0	8.34e-05	-3.77e-04
469	22	0.03	2.09e-03	-2.19e-03	0.0	7.19e-05	-3.79e-04
469	23	0.03	-1.61e-03	1.47e-03	0.0	8.34e-05	-3.77e-04
469	24	0.03	1.68e-03	-1.78e-03	0.0	7.32e-05	-3.79e-04
470	1	0.05	-2.72e-03	1.98e-03	0.0	1.07e-04	-5.41e-04
470	4	0.04	6.18e-03	-4.82e-03	0.0	6.35e-05	-4.10e-04
470	6	9.72e-03	4.77e-03	-3.27e-03	0.0	-2.06e-06	-1.05e-04
470	8	0.12	1.30e-04	-3.27e-04	0.0	2.80e-04	-1.30e-03
470	14	0.03	2.85e-03	-2.16e-03	0.0	4.92e-05	-3.20e-04
470	16	0.05	1.93e-03	-1.59e-03	0.0	9.62e-05	-5.10e-04
470	21	0.04	-2.09e-03	1.52e-03	0.0	8.20e-05	-4.16e-04
470	22	0.04	2.87e-03	-2.28e-03	0.0	7.09e-05	-4.13e-04
470	23	0.04	-2.09e-03	1.52e-03	0.0	8.20e-05	-4.16e-04
470	24	0.04	2.32e-03	-1.86e-03	0.0	7.21e-05	-4.13e-04
471	1	0.05	-3.69e-03	2.11e-03	0.0	1.11e-04	-5.63e-04
471	4	0.04	8.58e-03	-5.15e-03	0.0	6.59e-05	-4.24e-04
471	6	9.64e-03	6.54e-03	-3.53e-03	0.0	-1.07e-06	-1.05e-04
471	8	0.13	1.79e-04	-3.28e-04	0.0	2.88e-04	-1.36e-03
471	14	0.03	3.96e-03	-2.32e-03	0.0	5.13e-05	-3.30e-04
471	16	0.05	2.70e-03	-1.69e-03	0.0	9.95e-05	-5.30e-04
471	21	0.04	-2.84e-03	1.63e-03	0.0	8.50e-05	-4.33e-04
471	22	0.04	4.01e-03	-2.44e-03	0.0	7.36e-05	-4.28e-04
471	23	0.04	-2.84e-03	1.63e-03	0.0	8.50e-05	-4.33e-04
471	24	0.04	3.25e-03	-1.99e-03	0.0	7.48e-05	-4.28e-04
472	2	0.01	-3.01e-03	-7.38e-03	0.0	2.46e-04	-7.28e-05
472	4	0.01	-3.19e-03	-8.34e-03	0.0	2.14e-04	-6.34e-05
472	5	1.53e-03	-4.61e-03	-5.38e-03	0.0	7.95e-05	0.0
472	6	1.76e-03	-4.49e-03	-5.48e-03	0.0	8.44e-05	-1.96e-06
472	8	0.02	1.92e-03	-7.87e-05	0.0	4.33e-04	-1.50e-04
472	13	5.90e-03	-2.04e-03	-3.46e-03	0.0	1.38e-04	-3.64e-05
472	14	5.93e-03	-2.02e-03	-3.49e-03	0.0	1.39e-04	-3.67e-05
472	16	8.89e-03	-7.92e-04	-2.45e-03	0.0	1.91e-04	-6.03e-05
472	22	7.77e-03	-1.67e-03	-3.72e-03	0.0	1.71e-04	-5.05e-05
472	23	4.40e-03	6.10e-04	3.20e-03	0.0	1.07e-04	-3.12e-05
472	24	7.40e-03	-1.42e-03	-2.95e-03	0.0	1.64e-04	-4.84e-05
473	2	0.02	-1.68e-03	-7.21e-03	0.0	2.35e-04	-1.41e-04
473	4	0.02	-1.69e-03	-8.11e-03	0.0	1.86e-04	-1.22e-04
473	5	4.78e-03	-3.18e-03	-5.25e-03	0.0	7.47e-05	-1.93e-05
473	6	5.23e-03	-2.98e-03	-5.36e-03	0.0	8.11e-05	-2.31e-05
473	8	0.04	1.44e-03	-1.86e-04	0.0	4.80e-04	-2.79e-04
473	13	0.01	-1.33e-03	-3.42e-03	0.0	1.45e-04	-7.47e-05
473	14	0.01	-1.29e-03	-3.44e-03	0.0	1.46e-04	-7.52e-05
473	16	0.02	-4.40e-04	-2.45e-03	0.0	2.06e-04	-1.15e-04
473	22	0.01	-1.00e-03	-3.67e-03	0.0	1.77e-04	-9.88e-05
473	23	0.01	3.46e-05	2.98e-03	0.0	1.64e-04	-6.43e-05
473	24	0.01	-8.86e-04	-2.93e-03	0.0	1.76e-04	-9.50e-05
474	1	0.02	-5.22e-04	3.65e-03	0.0	2.37e-04	-1.43e-04
474	2	0.03	-4.90e-04	-7.09e-03	0.0	2.17e-04	-2.04e-04
474	4	0.03	-3.70e-04	-7.94e-03	0.0	1.62e-04	-1.71e-04
474	5	7.56e-03	-1.92e-03	-5.17e-03	0.0	6.00e-05	-3.65e-05
474	6	8.31e-03	-1.63e-03	-5.28e-03	0.0	6.79e-05	-4.26e-05
474	8	0.06	1.09e-03	-2.63e-04	0.0	4.93e-04	-4.14e-04
474	13	0.02	-6.77e-04	-3.39e-03	0.0	1.38e-04	-1.13e-04
474	14	0.02	-6.12e-04	-3.42e-03	0.0	1.39e-04	-1.14e-04
474	16	0.03	-9.27e-05	-2.45e-03	0.0	2.05e-04	-1.72e-04
474	21	0.02	-4.02e-04	2.81e-03	0.0	1.82e-04	-1.10e-04
474	22	0.02	-3.83e-04	-3.64e-03	0.0	1.70e-04	-1.47e-04
474	23	0.02	-4.02e-04	2.81e-03	0.0	1.82e-04	-1.10e-04
474	24	0.02	-3.85e-04	-2.92e-03	0.0	1.71e-04	-1.42e-04
475	1	0.03	-9.99e-04	3.49e-03	0.0	2.33e-04	-2.07e-04
475	2	0.04	6.46e-04	-7.01e-03	0.0	1.95e-04	-2.62e-04
475	4	0.03	8.76e-04	-7.81e-03	0.0	1.41e-04	-2.15e-04
475	6	0.01	-3.53e-04	-5.24e-03	0.0	5.04e-05	-5.90e-05
475	8	0.08	8.26e-04	-3.12e-04	0.0	4.86e-04	-5.52e-04
475	9	0.02	-9.07e-04	-3.34e-03	0.0	1.03e-04	-1.27e-04
475	14	0.02	4.18e-05	-3.40e-03	0.0	1.25e-04	-1.51e-04
475	16	0.03	2.62e-04	-2.45e-03	0.0	1.94e-04	-2.28e-04
475	20	0.03	2.85e-04	-2.82e-03	0.0	1.72e-04	-2.03e-04
475	21	0.02	-7.69e-04	2.68e-03	0.0	1.79e-04	-1.59e-04
475	22	0.03	2.18e-04	-3.61e-03	0.0	1.56e-04	-1.93e-04
475	23	0.02	-7.69e-04	2.68e-03	0.0	1.79e-04	-1.59e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
475	24	0.03	1.09e-04	-2.92e-03	0.0	1.59e-04	-1.89e-04
476	2	0.05	1.79e-03	-6.95e-03	0.0	1.73e-04	-3.15e-04
476	4	0.04	2.13e-03	-7.73e-03	0.0	1.24e-04	-2.53e-04
476	6	0.01	9.03e-04	-5.22e-03	0.0	3.28e-05	-7.13e-05
476	8	0.10	6.20e-04	-3.42e-04	0.0	4.66e-04	-6.88e-04
476	10	0.03	1.20e-03	-3.74e-03	0.0	1.17e-04	-1.92e-04
476	14	0.03	7.03e-04	-3.40e-03	0.0	1.09e-04	-1.85e-04
476	16	0.04	6.35e-04	-2.46e-03	0.0	1.79e-04	-2.81e-04
476	18	0.03	8.05e-04	-3.11e-03	0.0	1.35e-04	-2.21e-04
476	21	0.03	-1.11e-03	2.58e-03	0.0	1.65e-04	-2.08e-04
476	22	0.03	8.30e-04	-3.60e-03	0.0	1.40e-04	-2.35e-04
476	23	0.03	-1.11e-03	2.58e-03	0.0	1.65e-04	-2.08e-04
476	24	0.03	6.15e-04	-2.92e-03	0.0	1.43e-04	-2.32e-04
477	2	0.05	3.01e-03	-6.93e-03	0.0	1.54e-04	-3.63e-04
477	4	0.04	3.45e-03	-7.69e-03	0.0	1.10e-04	-2.87e-04
477	6	0.01	2.19e-03	-5.24e-03	0.0	1.76e-05	-7.94e-05
477	8	0.12	4.53e-04	-3.60e-04	0.0	4.42e-04	-8.18e-04
477	14	0.03	1.40e-03	-3.42e-03	0.0	9.34e-05	-2.14e-04
477	16	0.05	1.04e-03	-2.47e-03	0.0	1.63e-04	-3.31e-04
477	18	0.04	1.42e-03	-3.12e-03	0.0	1.20e-04	-2.58e-04
477	22	0.04	1.48e-03	-3.61e-03	0.0	1.25e-04	-2.74e-04
477	23	0.04	-1.47e-03	2.52e-03	0.0	1.48e-04	-2.54e-04
477	24	0.04	1.15e-03	-2.93e-03	0.0	1.27e-04	-2.71e-04
478	2	0.06	4.37e-03	-6.96e-03	0.0	1.39e-04	-4.06e-04
478	4	0.05	4.93e-03	-7.71e-03	0.0	9.93e-05	-3.17e-04
478	6	0.01	3.57e-03	-5.30e-03	0.0	6.46e-06	-8.41e-05
478	8	0.13	3.17e-04	-3.71e-04	0.0	4.20e-04	-9.42e-04
478	14	0.04	2.16e-03	-3.45e-03	0.0	8.12e-05	-2.40e-04
478	16	0.05	1.51e-03	-2.49e-03	0.0	1.50e-04	-3.76e-04
478	22	0.04	2.21e-03	-3.63e-03	0.0	1.12e-04	-3.08e-04
478	23	0.04	-1.87e-03	2.48e-03	0.0	1.32e-04	-2.96e-04
478	24	0.04	1.76e-03	-2.95e-03	0.0	1.15e-04	-3.07e-04
479	2	0.06	5.97e-03	-7.07e-03	0.0	1.30e-04	-4.45e-04
479	4	0.05	6.68e-03	-7.82e-03	0.0	9.31e-05	-3.45e-04
479	6	0.01	5.11e-03	-5.42e-03	0.0	0.0	-8.64e-05
479	8	0.15	2.14e-04	-3.80e-04	0.0	4.05e-04	-1.06e-03
479	14	0.04	3.04e-03	-3.52e-03	0.0	7.38e-05	-2.63e-04
479	16	0.06	2.06e-03	-2.54e-03	0.0	1.41e-04	-4.19e-04
479	22	0.05	3.06e-03	-3.70e-03	0.0	1.05e-04	-3.40e-04
479	24	0.05	2.46e-03	-3.01e-03	0.0	1.07e-04	-3.39e-04
480	1	0.07	-3.90e-03	3.30e-03	0.0	1.55e-04	-4.81e-04
480	4	0.05	8.88e-03	-8.03e-03	0.0	9.15e-05	-3.72e-04
480	6	0.01	6.92e-03	-5.62e-03	0.0	-1.78e-06	-8.73e-05
480	8	0.17	1.51e-04	-3.87e-04	0.0	4.02e-04	-1.18e-03
480	14	0.04	4.11e-03	-3.63e-03	0.0	7.16e-05	-2.86e-04
480	16	0.07	2.76e-03	-2.62e-03	0.0	1.39e-04	-4.60e-04
480	21	0.05	-3.00e-03	2.54e-03	0.0	1.19e-04	-3.70e-04
480	22	0.05	4.13e-03	-3.80e-03	0.0	1.03e-04	-3.71e-04
480	23	0.05	-3.00e-03	2.54e-03	0.0	1.19e-04	-3.70e-04
480	24	0.05	3.33e-03	-3.10e-03	0.0	1.04e-04	-3.71e-04
481	1	0.08	-5.03e-03	3.42e-03	0.0	1.59e-04	-5.03e-04
481	4	0.06	0.01	-8.33e-03	0.0	9.45e-05	-3.85e-04
481	6	0.01	9.12e-03	-5.87e-03	0.0	0.0	-8.75e-05
481	8	0.18	1.37e-04	-3.86e-04	0.0	4.11e-04	-1.23e-03
481	14	0.04	5.44e-03	-3.78e-03	0.0	7.41e-05	-2.96e-04
481	16	0.07	3.66e-03	-2.71e-03	0.0	1.43e-04	-4.80e-04
481	21	0.06	-3.87e-03	2.63e-03	0.0	1.22e-04	-3.87e-04
481	22	0.06	5.48e-03	-3.95e-03	0.0	1.06e-04	-3.86e-04
481	23	0.06	-3.87e-03	2.63e-03	0.0	1.22e-04	-3.87e-04
481	24	0.06	4.44e-03	-3.22e-03	0.0	1.08e-04	-3.86e-04
482	2	0.01	-3.83e-03	-0.01	0.0	3.11e-04	-6.06e-05
482	4	0.01	-4.03e-03	-0.01	0.0	2.72e-04	-5.34e-05
482	5	1.36e-03	-5.92e-03	-7.94e-03	0.0	9.65e-05	8.05e-06
482	6	1.66e-03	-5.77e-03	-8.15e-03	0.0	1.03e-04	6.18e-06
482	8	0.03	2.39e-03	6.48e-05	0.0	5.48e-04	-1.33e-04
482	13	7.23e-03	-2.64e-03	-5.02e-03	0.0	1.72e-04	-2.83e-05
482	14	7.28e-03	-2.61e-03	-5.07e-03	0.0	1.73e-04	-2.85e-05
482	16	0.01	-1.04e-03	-3.48e-03	0.0	2.39e-04	-5.12e-05
482	22	9.70e-03	-2.15e-03	-5.34e-03	0.0	2.15e-04	-4.17e-05
482	23	5.35e-03	6.66e-04	4.46e-03	0.0	1.30e-04	-2.41e-05
482	24	9.22e-03	-1.84e-03	-4.25e-03	0.0	2.05e-04	-3.97e-05
483	2	0.03	-2.18e-03	-0.01	0.0	2.98e-04	-1.19e-04
483	4	0.02	-2.18e-03	-0.01	0.0	2.37e-04	-1.04e-04
483	5	5.32e-03	-4.15e-03	-7.82e-03	0.0	9.18e-05	-6.37e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
483	6	5.93e-03	-3.88e-03	-8.03e-03	0.0	1.00e-04	-1.01e-05
483	8	0.05	1.84e-03	-5.56e-05	0.0	6.09e-04	-2.44e-04
483	13	0.01	-1.74e-03	-4.99e-03	0.0	1.82e-04	-5.99e-05
483	14	0.01	-1.68e-03	-5.03e-03	0.0	1.83e-04	-6.04e-05
483	16	0.02	-5.80e-04	-3.49e-03	0.0	2.61e-04	-9.77e-05
483	22	0.02	-1.31e-03	-5.30e-03	0.0	2.24e-04	-8.24e-05
483	24	0.02	-1.16e-03	-4.24e-03	0.0	2.21e-04	-7.88e-05
484	1	0.03	-6.85e-04	5.20e-03	0.0	2.98e-04	-1.13e-04
484	2	0.04	-6.47e-04	-0.01	0.0	2.76e-04	-1.73e-04
484	4	0.03	-4.89e-04	-0.01	0.0	2.07e-04	-1.47e-04
484	5	8.76e-03	-2.52e-03	-7.73e-03	0.0	7.46e-05	-1.95e-05
484	6	9.76e-03	-2.13e-03	-7.95e-03	0.0	8.52e-05	-2.56e-05
484	8	0.08	1.42e-03	-1.51e-04	0.0	6.28e-04	-3.61e-04
484	13	0.02	-8.89e-04	-4.96e-03	0.0	1.75e-04	-9.20e-05
484	14	0.02	-8.05e-04	-5.01e-03	0.0	1.76e-04	-9.30e-05
484	16	0.03	-1.24e-04	-3.51e-03	0.0	2.61e-04	-1.46e-04
484	21	0.02	-5.27e-04	4.00e-03	0.0	2.29e-04	-8.72e-05
484	22	0.03	-5.04e-04	-5.26e-03	0.0	2.16e-04	-1.23e-04
484	23	0.02	-5.27e-04	4.00e-03	0.0	2.29e-04	-8.72e-05
484	24	0.03	-5.06e-04	-4.24e-03	0.0	2.18e-04	-1.19e-04
485	1	0.04	-1.30e-03	4.98e-03	0.0	2.96e-04	-1.68e-04
485	2	0.05	8.37e-04	-0.01	0.0	2.49e-04	-2.24e-04
485	4	0.04	1.14e-03	-0.01	0.0	1.81e-04	-1.85e-04
485	6	0.01	-4.66e-04	-7.91e-03	0.0	6.42e-05	-3.90e-05
485	8	0.10	1.08e-03	-2.22e-04	0.0	6.20e-04	-4.81e-04
485	9	0.02	-1.20e-03	-4.83e-03	0.0	1.30e-04	-9.93e-05
485	14	0.03	5.24e-05	-5.01e-03	0.0	1.60e-04	-1.25e-04
485	16	0.04	3.41e-04	-3.52e-03	0.0	2.48e-04	-1.94e-04
485	20	0.04	3.72e-04	-4.10e-03	0.0	2.19e-04	-1.72e-04
485	21	0.03	-9.98e-04	3.83e-03	0.0	2.28e-04	-1.29e-04
485	22	0.04	2.83e-04	-5.25e-03	0.0	2.00e-04	-1.63e-04
485	23	0.03	-9.98e-04	3.83e-03	0.0	2.28e-04	-1.29e-04
485	24	0.04	1.40e-04	-4.24e-03	0.0	2.03e-04	-1.59e-04
486	2	0.06	2.34e-03	-0.01	0.0	2.22e-04	-2.70e-04
486	4	0.05	2.77e-03	-0.01	0.0	1.59e-04	-2.19e-04
486	6	0.01	1.18e-03	-7.90e-03	0.0	4.26e-05	-4.93e-05
486	8	0.13	8.10e-04	-2.72e-04	0.0	5.97e-04	-5.99e-04
486	10	0.04	1.58e-03	-5.60e-03	0.0	1.51e-04	-1.61e-04
486	14	0.03	9.20e-04	-5.02e-03	0.0	1.40e-04	-1.54e-04
486	16	0.05	8.30e-04	-3.54e-03	0.0	2.29e-04	-2.41e-04
486	18	0.04	1.05e-03	-4.56e-03	0.0	1.74e-04	-1.87e-04
486	21	0.04	-1.45e-03	3.71e-03	0.0	2.12e-04	-1.71e-04
486	22	0.04	1.09e-03	-5.25e-03	0.0	1.80e-04	-2.00e-04
486	23	0.04	-1.45e-03	3.71e-03	0.0	2.12e-04	-1.71e-04
486	24	0.04	8.04e-04	-4.25e-03	0.0	1.84e-04	-1.96e-04
487	2	0.07	3.93e-03	-0.01	0.0	1.98e-04	-3.12e-04
487	4	0.05	4.50e-03	-0.01	0.0	1.41e-04	-2.48e-04
487	6	0.02	2.87e-03	-7.94e-03	0.0	2.37e-05	-5.64e-05
487	8	0.15	5.88e-04	-3.07e-04	0.0	5.67e-04	-7.14e-04
487	14	0.04	1.83e-03	-5.04e-03	0.0	1.21e-04	-1.80e-04
487	16	0.06	1.36e-03	-3.56e-03	0.0	2.10e-04	-2.85e-04
487	18	0.05	1.87e-03	-4.59e-03	0.0	1.54e-04	-2.19e-04
487	22	0.05	1.94e-03	-5.26e-03	0.0	1.61e-04	-2.34e-04
487	23	0.05	-1.91e-03	3.63e-03	0.0	1.91e-04	-2.11e-04
487	24	0.05	1.51e-03	-4.27e-03	0.0	1.64e-04	-2.31e-04
488	2	0.07	5.69e-03	-0.01	0.0	1.79e-04	-3.50e-04
488	4	0.06	6.41e-03	-0.01	0.0	1.28e-04	-2.75e-04
488	6	0.02	4.67e-03	-8.02e-03	0.0	9.67e-06	-6.06e-05
488	8	0.17	4.05e-04	-3.32e-04	0.0	5.39e-04	-8.23e-04
488	14	0.04	2.82e-03	-5.09e-03	0.0	1.05e-04	-2.03e-04
488	16	0.07	1.96e-03	-3.60e-03	0.0	1.93e-04	-3.25e-04
488	22	0.06	2.88e-03	-5.31e-03	0.0	1.45e-04	-2.64e-04
488	23	0.06	-2.43e-03	3.59e-03	0.0	1.71e-04	-2.48e-04
488	24	0.06	2.29e-03	-4.32e-03	0.0	1.48e-04	-2.63e-04
489	2	0.08	7.71e-03	-0.01	0.0	1.67e-04	-3.84e-04
489	4	0.06	8.62e-03	-0.01	0.0	1.19e-04	-3.00e-04
489	6	0.02	6.64e-03	-8.15e-03	0.0	1.38e-06	-6.27e-05
489	8	0.19	2.56e-04	-3.49e-04	0.0	5.19e-04	-9.27e-04
489	14	0.05	3.93e-03	-5.18e-03	0.0	9.54e-05	-2.24e-04
489	16	0.08	2.66e-03	-3.66e-03	0.0	1.82e-04	-3.62e-04
489	22	0.06	3.96e-03	-5.38e-03	0.0	1.35e-04	-2.92e-04
489	24	0.06	3.18e-03	-4.38e-03	0.0	1.37e-04	-2.91e-04
490	1	0.09	-4.93e-03	4.73e-03	0.0	1.99e-04	-4.09e-04
490	4	0.07	0.01	-0.01	0.0	1.17e-04	-3.24e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
490	6	0.02	8.87e-03	-8.34e-03	0.0	-1.24e-06	-6.36e-05
490	8	0.21	1.42e-04	-3.60e-04	0.0	5.12e-04	-1.03e-03
490	14	0.05	5.23e-03	-5.29e-03	0.0	9.23e-05	-2.44e-04
490	16	0.08	3.49e-03	-3.74e-03	0.0	1.78e-04	-3.99e-04
490	21	0.07	-3.80e-03	3.64e-03	0.0	1.53e-04	-3.15e-04
490	22	0.07	5.23e-03	-5.49e-03	0.0	1.32e-04	-3.20e-04
490	23	0.07	-3.80e-03	3.64e-03	0.0	1.53e-04	-3.15e-04
490	24	0.07	4.23e-03	-4.47e-03	0.0	1.34e-04	-3.20e-04
491	1	0.10	-6.18e-03	4.83e-03	0.0	2.04e-04	-4.29e-04
491	4	0.07	0.01	-0.01	0.0	1.21e-04	-3.35e-04
491	6	0.02	0.01	-8.58e-03	0.0	0.0	-6.39e-05
491	8	0.23	6.17e-05	-3.58e-04	0.0	5.23e-04	-1.08e-03
491	14	0.06	6.76e-03	-5.42e-03	0.0	9.51e-05	-2.53e-04
491	16	0.09	4.50e-03	-3.82e-03	0.0	1.82e-04	-4.17e-04
491	21	0.07	-4.75e-03	3.72e-03	0.0	1.57e-04	-3.30e-04
491	22	0.07	6.76e-03	-5.62e-03	0.0	1.35e-04	-3.33e-04
491	23	0.07	-4.75e-03	3.72e-03	0.0	1.57e-04	-3.30e-04
491	24	0.07	5.48e-03	-4.58e-03	0.0	1.37e-04	-3.33e-04
492	2	0.02	-4.56e-03	-0.01	0.0	3.64e-04	-4.85e-05
492	4	0.01	-4.76e-03	-0.02	0.0	3.20e-04	-4.31e-05
492	5	8.63e-04	-7.13e-03	-0.01	0.0	1.09e-04	1.55e-05
492	6	1.24e-03	-6.95e-03	-0.01	0.0	1.17e-04	1.36e-05
492	8	0.03	2.79e-03	2.54e-04	0.0	6.44e-04	-1.15e-04
492	13	8.24e-03	-3.19e-03	-6.76e-03	0.0	1.99e-04	-2.05e-05
492	14	8.29e-03	-3.16e-03	-6.84e-03	0.0	2.00e-04	-2.08e-05
492	16	0.01	-1.27e-03	-4.63e-03	0.0	2.80e-04	-4.23e-05
492	22	0.01	-2.59e-03	-7.12e-03	0.0	2.51e-04	-3.31e-05
492	23	6.05e-03	6.52e-04	5.73e-03	0.0	1.47e-04	-1.80e-05
492	24	0.01	-2.23e-03	-5.69e-03	0.0	2.39e-04	-3.14e-05
493	2	0.03	-2.62e-03	-0.01	0.0	3.51e-04	-9.57e-05
493	4	0.03	-2.61e-03	-0.02	0.0	2.81e-04	-8.44e-05
493	5	5.33e-03	-5.04e-03	-0.01	0.0	1.04e-04	5.95e-06
493	6	6.09e-03	-4.71e-03	-0.01	0.0	1.15e-04	2.17e-06
493	8	0.06	2.19e-03	1.28e-04	0.0	7.18e-04	-2.06e-04
493	13	0.02	-2.12e-03	-6.74e-03	0.0	2.12e-04	-4.53e-05
493	14	0.02	-2.05e-03	-6.82e-03	0.0	2.14e-04	-4.58e-05
493	16	0.03	-7.12e-04	-4.65e-03	0.0	3.06e-04	-7.98e-05
493	22	0.02	-1.58e-03	-7.08e-03	0.0	2.62e-04	-6.57e-05
493	24	0.02	-1.41e-03	-5.69e-03	0.0	2.59e-04	-6.25e-05
494	1	0.03	-8.63e-04	6.80e-03	0.0	3.47e-04	-8.61e-05
494	2	0.04	-7.82e-04	-0.01	0.0	3.26e-04	-1.40e-04
494	4	0.04	-5.83e-04	-0.02	0.0	2.46e-04	-1.20e-04
494	5	9.24e-03	-3.08e-03	-0.01	0.0	8.51e-05	-2.72e-06
494	6	0.01	-2.60e-03	-0.01	0.0	9.85e-05	-8.98e-06
494	8	0.09	1.71e-03	2.04e-05	0.0	7.43e-04	-3.03e-04
494	13	0.03	-1.09e-03	-6.72e-03	0.0	2.05e-04	-7.07e-05
494	14	0.03	-9.84e-04	-6.81e-03	0.0	2.07e-04	-7.17e-05
494	16	0.04	-1.54e-04	-4.67e-03	0.0	3.07e-04	-1.19e-04
494	21	0.02	-6.64e-04	5.23e-03	0.0	2.67e-04	-6.62e-05
494	22	0.03	-6.15e-04	-7.06e-03	0.0	2.55e-04	-9.85e-05
494	23	0.02	-6.64e-04	5.23e-03	0.0	2.67e-04	-6.62e-05
494	24	0.03	-6.20e-04	-5.70e-03	0.0	2.56e-04	-9.49e-05
495	1	0.05	-1.59e-03	6.56e-03	0.0	3.48e-04	-1.29e-04
495	2	0.06	1.02e-03	-0.01	0.0	2.96e-04	-1.82e-04
495	4	0.05	1.39e-03	-0.02	0.0	2.15e-04	-1.52e-04
495	6	0.01	-5.69e-04	-0.01	0.0	7.50e-05	-1.88e-05
495	8	0.12	1.31e-03	-6.51e-05	0.0	7.35e-04	-4.03e-04
495	9	0.03	-1.49e-03	-6.46e-03	0.0	1.50e-04	-7.06e-05
495	14	0.03	6.27e-05	-6.81e-03	0.0	1.89e-04	-9.72e-05
495	16	0.05	4.16e-04	-4.69e-03	0.0	2.93e-04	-1.59e-04
495	20	0.04	4.54e-04	-5.53e-03	0.0	2.60e-04	-1.39e-04
495	21	0.04	-1.22e-03	5.04e-03	0.0	2.68e-04	-9.94e-05
495	22	0.04	3.44e-04	-7.05e-03	0.0	2.36e-04	-1.31e-04
495	23	0.04	-1.22e-03	5.04e-03	0.0	2.68e-04	-9.94e-05
495	24	0.04	1.70e-04	-5.71e-03	0.0	2.40e-04	-1.27e-04
496	2	0.07	2.85e-03	-0.01	0.0	2.64e-04	-2.20e-04
496	4	0.05	3.38e-03	-0.02	0.0	1.89e-04	-1.80e-04
496	6	0.02	1.45e-03	-0.01	0.0	5.04e-05	-2.64e-05
496	8	0.15	9.87e-04	-1.31e-04	0.0	7.09e-04	-5.02e-04
496	10	0.04	1.94e-03	-7.71e-03	0.0	1.80e-04	-1.28e-04
496	14	0.04	1.12e-03	-6.83e-03	0.0	1.66e-04	-1.21e-04
496	16	0.06	1.01e-03	-4.72e-03	0.0	2.72e-04	-1.97e-04
496	18	0.05	1.29e-03	-6.19e-03	0.0	2.06e-04	-1.50e-04
496	21	0.05	-1.76e-03	4.90e-03	0.0	2.51e-04	-1.33e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
496	22	0.05	1.32e-03	-7.06e-03	0.0	2.14e-04	-1.61e-04
496	23	0.05	-1.76e-03	4.90e-03	0.0	2.51e-04	-1.33e-04
496	24	0.05	9.81e-04	-5.73e-03	0.0	2.18e-04	-1.58e-04
497	2	0.08	4.78e-03	-0.01	0.0	2.36e-04	-2.55e-04
497	4	0.06	5.48e-03	-0.02	0.0	1.68e-04	-2.05e-04
497	6	0.02	3.52e-03	-0.01	0.0	2.87e-05	-3.16e-05
497	8	0.18	7.12e-04	-1.80e-04	0.0	6.75e-04	-5.99e-04
497	14	0.05	2.23e-03	-6.86e-03	0.0	1.44e-04	-1.42e-04
497	16	0.07	1.66e-03	-4.76e-03	0.0	2.50e-04	-2.34e-04
497	18	0.06	2.28e-03	-6.23e-03	0.0	1.84e-04	-1.77e-04
497	22	0.06	2.36e-03	-7.09e-03	0.0	1.92e-04	-1.89e-04
497	23	0.06	-2.32e-03	4.81e-03	0.0	2.27e-04	-1.66e-04
497	24	0.06	1.84e-03	-5.77e-03	0.0	1.96e-04	-1.87e-04
498	2	0.09	6.89e-03	-0.01	0.0	2.13e-04	-2.86e-04
498	4	0.07	7.77e-03	-0.02	0.0	1.52e-04	-2.27e-04
498	6	0.02	5.69e-03	-0.01	0.0	1.22e-05	-3.45e-05
498	8	0.20	4.79e-04	-2.15e-04	0.0	6.42e-04	-6.91e-04
498	14	0.05	3.42e-03	-6.92e-03	0.0	1.26e-04	-1.62e-04
498	16	0.08	2.37e-03	-4.80e-03	0.0	2.30e-04	-2.68e-04
498	22	0.07	3.49e-03	-7.14e-03	0.0	1.73e-04	-2.15e-04
498	23	0.06	-2.94e-03	4.76e-03	0.0	2.05e-04	-1.97e-04
498	24	0.07	2.77e-03	-5.82e-03	0.0	1.77e-04	-2.13e-04
499	2	0.10	9.26e-03	-0.01	0.0	1.99e-04	-3.15e-04
499	4	0.07	0.01	-0.02	0.0	1.42e-04	-2.48e-04
499	6	0.02	8.04e-03	-0.01	0.0	2.30e-06	-3.57e-05
499	8	0.23	2.82e-04	-2.40e-04	0.0	6.17e-04	-7.80e-04
499	14	0.06	4.74e-03	-7.01e-03	0.0	1.14e-04	-1.79e-04
499	16	0.09	3.19e-03	-4.87e-03	0.0	2.17e-04	-2.99e-04
499	22	0.07	4.76e-03	-7.22e-03	0.0	1.61e-04	-2.39e-04
499	24	0.07	3.82e-03	-5.89e-03	0.0	1.64e-04	-2.37e-04
500	1	0.10	-5.83e-03	6.24e-03	0.0	2.38e-04	-3.29e-04
500	4	0.08	0.01	-0.02	0.0	1.39e-04	-2.68e-04
500	6	0.02	0.01	-0.01	0.0	-1.07e-06	-3.59e-05
500	8	0.25	1.14e-04	-2.52e-04	0.0	6.09e-04	-8.70e-04
500	14	0.06	6.23e-03	-7.11e-03	0.0	1.10e-04	-1.96e-04
500	16	0.10	4.13e-03	-4.94e-03	0.0	2.12e-04	-3.31e-04
500	21	0.08	-4.49e-03	4.80e-03	0.0	1.83e-04	-2.53e-04
500	22	0.08	6.21e-03	-7.32e-03	0.0	1.57e-04	-2.62e-04
500	23	0.08	-4.49e-03	4.80e-03	0.0	1.83e-04	-2.53e-04
500	24	0.08	5.02e-03	-5.97e-03	0.0	1.60e-04	-2.61e-04
501	1	0.11	-7.16e-03	6.32e-03	0.0	2.42e-04	-3.46e-04
501	4	0.09	0.02	-0.02	0.0	1.43e-04	-2.78e-04
501	6	0.02	0.01	-0.01	0.0	0.0	-3.58e-05
501	8	0.28	-3.23e-05	-2.49e-04	0.0	6.20e-04	-9.12e-04
501	14	0.07	7.93e-03	-7.24e-03	0.0	1.13e-04	-2.03e-04
501	16	0.11	5.22e-03	-5.02e-03	0.0	2.16e-04	-3.46e-04
501	21	0.09	-5.51e-03	4.86e-03	0.0	1.86e-04	-2.66e-04
501	22	0.09	7.89e-03	-7.44e-03	0.0	1.60e-04	-2.73e-04
501	23	0.09	-5.51e-03	4.86e-03	0.0	1.86e-04	-2.66e-04
501	24	0.09	6.40e-03	-6.07e-03	0.0	1.63e-04	-2.72e-04
502	2	0.02	-5.21e-03	-0.02	0.0	4.06e-04	-3.64e-05
502	4	0.02	-5.38e-03	-0.02	0.0	3.58e-04	-3.26e-05
502	5	6.94e-05	-8.24e-03	-0.01	0.0	1.16e-04	2.23e-05
502	6	5.14e-04	-8.03e-03	-0.01	0.0	1.26e-04	2.05e-05
502	8	0.04	3.13e-03	4.83e-04	0.0	7.21e-04	-9.71e-05
502	13	8.93e-03	-3.70e-03	-8.67e-03	0.0	2.19e-04	-1.32e-05
502	14	9.00e-03	-3.66e-03	-8.79e-03	0.0	2.21e-04	-1.34e-05
502	16	0.01	-1.50e-03	-5.87e-03	0.0	3.11e-04	-3.36e-05
502	22	0.01	-3.00e-03	-9.05e-03	0.0	2.78e-04	-2.47e-05
502	24	0.01	-2.60e-03	-7.27e-03	0.0	2.65e-04	-2.34e-05
503	2	0.03	-3.01e-03	-0.02	0.0	3.93e-04	-7.21e-05
503	4	0.03	-2.97e-03	-0.02	0.0	3.16e-04	-6.42e-05
503	5	4.84e-03	-5.85e-03	-0.01	0.0	1.11e-04	1.75e-05
503	6	5.75e-03	-5.47e-03	-0.01	0.0	1.25e-04	1.37e-05
503	8	0.07	2.50e-03	3.54e-04	0.0	8.05e-04	-1.68e-04
503	13	0.02	-2.46e-03	-8.65e-03	0.0	2.35e-04	-3.11e-05
503	14	0.02	-2.38e-03	-8.77e-03	0.0	2.37e-04	-3.17e-05
503	16	0.03	-8.38e-04	-5.89e-03	0.0	3.41e-04	-6.21e-05
503	22	0.02	-1.84e-03	-9.02e-03	0.0	2.92e-04	-4.91e-05
503	24	0.02	-1.65e-03	-7.27e-03	0.0	2.88e-04	-4.66e-05
504	1	0.04	-1.06e-03	8.42e-03	0.0	3.85e-04	-6.12e-05
504	2	0.05	-8.95e-04	-0.02	0.0	3.66e-04	-1.06e-04
504	4	0.04	-6.50e-04	-0.02	0.0	2.77e-04	-9.16e-05
504	5	9.03e-03	-3.59e-03	-0.01	0.0	9.12e-05	1.34e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
504	6	0.01	-3.03e-03	-0.01	0.0	1.07e-04	7.01e-06
504	8	0.10	1.97e-03	2.41e-04	0.0	8.35e-04	-2.44e-04
504	13	0.03	-1.27e-03	-8.65e-03	0.0	2.28e-04	-4.97e-05
504	14	0.03	-1.15e-03	-8.77e-03	0.0	2.30e-04	-5.06e-05
504	16	0.04	-1.85e-04	-5.92e-03	0.0	3.44e-04	-9.19e-05
504	21	0.03	-8.17e-04	6.48e-03	0.0	2.96e-04	-4.71e-05
504	22	0.04	-7.17e-04	-9.01e-03	0.0	2.85e-04	-7.38e-05
504	23	0.03	-8.17e-04	6.48e-03	0.0	2.96e-04	-4.71e-05
504	24	0.03	-7.28e-04	-7.29e-03	0.0	2.86e-04	-7.08e-05
505	1	0.05	-1.88e-03	8.17e-03	0.0	3.89e-04	-9.26e-05
505	2	0.06	1.20e-03	-0.02	0.0	3.33e-04	-1.38e-04
505	4	0.05	1.63e-03	-0.02	0.0	2.43e-04	-1.16e-04
505	6	0.01	-6.63e-04	-0.01	0.0	8.24e-05	1.18e-06
505	8	0.13	1.52e-03	1.46e-04	0.0	8.29e-04	-3.22e-04
505	9	0.03	-1.77e-03	-8.21e-03	0.0	1.64e-04	-4.16e-05
505	14	0.04	7.10e-05	-8.78e-03	0.0	2.11e-04	-6.94e-05
505	16	0.06	4.82e-04	-5.95e-03	0.0	3.30e-04	-1.22e-04
505	20	0.05	5.29e-04	-7.09e-03	0.0	2.92e-04	-1.06e-04
505	21	0.04	-1.45e-03	6.28e-03	0.0	2.99e-04	-7.13e-05
505	22	0.05	3.99e-04	-9.01e-03	0.0	2.65e-04	-9.82e-05
505	23	0.04	-1.45e-03	6.28e-03	0.0	2.99e-04	-7.13e-05
505	24	0.05	1.95e-04	-7.31e-03	0.0	2.69e-04	-9.52e-05
506	2	0.08	3.33e-03	-0.02	0.0	2.98e-04	-1.67e-04
506	4	0.06	3.94e-03	-0.02	0.0	2.14e-04	-1.38e-04
506	6	0.02	1.70e-03	-0.01	0.0	5.56e-05	-3.16e-06
506	8	0.17	1.14e-03	7.09e-05	0.0	8.01e-04	-4.01e-04
506	10	0.05	2.27e-03	-0.01	0.0	2.03e-04	-9.31e-05
506	14	0.05	1.31e-03	-8.81e-03	0.0	1.87e-04	-8.72e-05
506	16	0.07	1.18e-03	-5.99e-03	0.0	3.07e-04	-1.52e-04
506	18	0.05	1.50e-03	-7.97e-03	0.0	2.33e-04	-1.12e-04
506	21	0.05	-2.06e-03	6.13e-03	0.0	2.82e-04	-9.66e-05
506	22	0.06	1.54e-03	-9.02e-03	0.0	2.41e-04	-1.21e-04
506	23	0.05	-2.06e-03	6.13e-03	0.0	2.82e-04	-9.66e-05
506	24	0.06	1.14e-03	-7.34e-03	0.0	2.46e-04	-1.19e-04
507	2	0.09	5.56e-03	-0.02	0.0	2.67e-04	-1.94e-04
507	4	0.07	6.37e-03	-0.02	0.0	1.90e-04	-1.57e-04
507	6	0.02	4.11e-03	-0.01	0.0	3.17e-05	-5.80e-06
507	8	0.20	8.19e-04	1.25e-05	0.0	7.64e-04	-4.77e-04
507	14	0.05	2.60e-03	-8.85e-03	0.0	1.63e-04	-1.03e-04
507	16	0.08	1.92e-03	-6.04e-03	0.0	2.82e-04	-1.80e-04
507	18	0.06	2.65e-03	-8.02e-03	0.0	2.08e-04	-1.33e-04
507	22	0.07	2.74e-03	-9.06e-03	0.0	2.16e-04	-1.43e-04
507	23	0.06	-2.71e-03	6.03e-03	0.0	2.57e-04	-1.21e-04
507	24	0.07	2.14e-03	-7.38e-03	0.0	2.21e-04	-1.41e-04
508	2	0.10	7.97e-03	-0.02	0.0	2.41e-04	-2.18e-04
508	4	0.08	9.00e-03	-0.02	0.0	1.72e-04	-1.75e-04
508	6	0.02	6.63e-03	-0.01	0.0	1.34e-05	-6.83e-06
508	8	0.23	5.39e-04	-3.04e-05	0.0	7.27e-04	-5.51e-04
508	14	0.06	3.97e-03	-8.92e-03	0.0	1.43e-04	-1.18e-04
508	16	0.09	2.74e-03	-6.09e-03	0.0	2.61e-04	-2.07e-04
508	22	0.07	4.04e-03	-9.11e-03	0.0	1.96e-04	-1.63e-04
508	23	0.07	-3.40e-03	5.98e-03	0.0	2.32e-04	-1.45e-04
508	24	0.07	3.21e-03	-7.43e-03	0.0	2.00e-04	-1.61e-04
509	2	0.11	0.01	-0.02	0.0	2.25e-04	-2.41e-04
509	4	0.08	0.01	-0.02	0.0	1.61e-04	-1.91e-04
509	6	0.02	9.32e-03	-0.01	0.0	2.15e-06	-6.56e-06
509	8	0.26	2.92e-04	-5.88e-05	0.0	7.00e-04	-6.22e-04
509	14	0.06	5.47e-03	-9.00e-03	0.0	1.29e-04	-1.31e-04
509	16	0.10	3.65e-03	-6.15e-03	0.0	2.45e-04	-2.32e-04
509	22	0.08	5.46e-03	-9.19e-03	0.0	1.82e-04	-1.81e-04
509	24	0.08	4.39e-03	-7.50e-03	0.0	1.86e-04	-1.80e-04
510	2	0.12	0.01	-0.02	0.0	2.19e-04	-2.63e-04
510	4	0.09	0.02	-0.02	0.0	1.57e-04	-2.07e-04
510	6	0.02	0.01	-0.01	0.0	-1.87e-06	-5.42e-06
510	8	0.29	7.07e-05	-7.24e-05	0.0	6.90e-04	-6.95e-04
510	14	0.07	7.12e-03	-9.10e-03	0.0	1.25e-04	-1.44e-04
510	16	0.11	4.69e-03	-6.22e-03	0.0	2.40e-04	-2.57e-04
510	22	0.09	7.07e-03	-9.28e-03	0.0	1.77e-04	-1.99e-04
510	24	0.09	5.72e-03	-7.58e-03	0.0	1.80e-04	-1.98e-04
511	1	0.13	-7.99e-03	7.87e-03	0.0	2.73e-04	-2.57e-04
511	4	0.10	0.02	-0.02	0.0	1.61e-04	-2.15e-04
511	6	0.02	0.02	-0.02	0.0	0.0	-4.73e-06
511	8	0.31	-1.36e-04	-6.92e-05	0.0	7.01e-04	-7.29e-04
511	14	0.07	8.97e-03	-9.21e-03	0.0	1.28e-04	-1.49e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
511	16	0.12	5.86e-03	-6.29e-03	0.0	2.44e-04	-2.69e-04
511	21	0.10	-6.14e-03	6.05e-03	0.0	2.10e-04	-1.98e-04
511	22	0.10	8.87e-03	-9.38e-03	0.0	1.81e-04	-2.08e-04
511	23	0.10	-6.14e-03	6.05e-03	0.0	2.10e-04	-1.98e-04
511	24	0.10	7.21e-03	-7.67e-03	0.0	1.84e-04	-2.07e-04
512	2	0.02	-5.78e-03	-0.02	0.0	4.36e-04	-2.45e-05
512	4	0.02	-5.92e-03	-0.02	0.0	3.86e-04	-2.20e-05
512	5	-9.96e-04	-9.25e-03	-0.02	0.0	1.18e-04	2.86e-05
512	6	-4.82e-04	-9.01e-03	-0.02	0.0	1.30e-04	2.68e-05
512	8	0.04	3.41e-03	7.46e-04	0.0	7.80e-04	-7.92e-05
512	13	9.33e-03	-4.17e-03	-0.01	0.0	2.33e-04	-6.17e-06
512	14	9.40e-03	-4.13e-03	-0.01	0.0	2.35e-04	-6.45e-06
512	16	0.02	-1.71e-03	-7.20e-03	0.0	3.34e-04	-2.51e-05
512	22	0.01	-3.36e-03	-0.01	0.0	2.98e-04	-1.66e-05
512	24	0.01	-2.94e-03	-8.96e-03	0.0	2.84e-04	-1.57e-05
513	2	0.04	-3.35e-03	-0.02	0.0	4.23e-04	-4.86e-05
513	4	0.03	-3.27e-03	-0.02	0.0	3.41e-04	-4.36e-05
513	5	3.88e-03	-6.60e-03	-0.02	0.0	1.14e-04	2.84e-05
513	6	4.95e-03	-6.16e-03	-0.02	0.0	1.30e-04	2.45e-05
513	8	0.07	2.75e-03	6.18e-04	0.0	8.71e-04	-1.30e-04
513	13	0.02	-2.79e-03	-0.01	0.0	2.50e-04	-1.75e-05
513	14	0.02	-2.70e-03	-0.01	0.0	2.53e-04	-1.81e-05
513	16	0.03	-9.59e-04	-7.23e-03	0.0	3.67e-04	-4.46e-05
513	22	0.03	-2.07e-03	-0.01	0.0	3.13e-04	-3.29e-05
513	24	0.02	-1.87e-03	-8.97e-03	0.0	3.09e-04	-3.11e-05
514	1	0.04	-1.28e-03	0.01	0.0	4.10e-04	-3.83e-05
514	2	0.05	-9.91e-04	-0.02	0.0	3.95e-04	-7.12e-05
514	4	0.05	-6.96e-04	-0.02	0.0	3.00e-04	-6.24e-05
514	5	8.15e-03	-4.07e-03	-0.02	0.0	9.26e-05	2.88e-05
514	6	9.93e-03	-3.43e-03	-0.02	0.0	1.12e-04	2.23e-05
514	8	0.11	2.19e-03	5.03e-04	0.0	9.05e-04	-1.84e-04
514	13	0.03	-1.44e-03	-0.01	0.0	2.44e-04	-2.90e-05
514	14	0.03	-1.31e-03	-0.01	0.0	2.47e-04	-3.00e-05
514	16	0.05	-2.18e-04	-7.26e-03	0.0	3.71e-04	-6.50e-05
514	21	0.03	-9.84e-04	7.73e-03	0.0	3.16e-04	-2.94e-05
514	22	0.04	-8.11e-04	-0.01	0.0	3.06e-04	-4.92e-05
514	23	0.03	-9.84e-04	7.73e-03	0.0	3.16e-04	-2.94e-05
514	24	0.04	-8.31e-04	-8.99e-03	0.0	3.07e-04	-4.70e-05
515	1	0.05	-2.17e-03	9.78e-03	0.0	4.17e-04	-5.82e-05
515	2	0.07	1.36e-03	-0.02	0.0	3.60e-04	-9.27e-05
515	4	0.06	1.86e-03	-0.02	0.0	2.63e-04	-7.93e-05
515	6	0.01	-7.50e-04	-0.02	0.0	8.57e-05	2.06e-05
515	8	0.15	1.70e-03	4.05e-04	0.0	9.00e-04	-2.40e-04
515	9	0.03	-2.03e-03	-0.01	0.0	1.71e-04	-1.27e-05
515	14	0.04	7.49e-05	-0.01	0.0	2.27e-04	-4.20e-05
515	16	0.06	5.37e-04	-7.30e-03	0.0	3.57e-04	-8.58e-05
515	20	0.05	5.94e-04	-8.76e-03	0.0	3.15e-04	-7.22e-05
515	21	0.04	-1.67e-03	7.52e-03	0.0	3.21e-04	-4.47e-05
515	22	0.05	4.47e-04	-0.01	0.0	2.86e-04	-6.55e-05
515	23	0.04	-1.67e-03	7.52e-03	0.0	3.21e-04	-4.47e-05
515	24	0.05	2.12e-04	-9.02e-03	0.0	2.90e-04	-6.32e-05
516	2	0.08	3.75e-03	-0.02	0.0	3.23e-04	-1.13e-04
516	4	0.07	4.46e-03	-0.02	0.0	2.32e-04	-9.43e-05
516	6	0.02	1.92e-03	-0.02	0.0	5.75e-05	1.98e-05
516	8	0.18	1.28e-03	3.24e-04	0.0	8.71e-04	-2.97e-04
516	10	0.05	2.58e-03	-0.01	0.0	2.20e-04	-5.85e-05
516	14	0.05	1.47e-03	-0.01	0.0	2.01e-04	-5.32e-05
516	16	0.07	1.32e-03	-7.34e-03	0.0	3.33e-04	-1.06e-04
516	18	0.06	1.70e-03	-9.88e-03	0.0	2.52e-04	-7.41e-05
516	21	0.05	-2.35e-03	7.37e-03	0.0	3.04e-04	-6.10e-05
516	22	0.06	1.73e-03	-0.01	0.0	2.61e-04	-8.10e-05
516	23	0.05	-2.35e-03	7.37e-03	0.0	3.04e-04	-6.10e-05
516	24	0.06	1.28e-03	-9.06e-03	0.0	2.65e-04	-7.88e-05
517	2	0.09	6.26e-03	-0.02	0.0	2.89e-04	-1.31e-04
517	4	0.08	7.17e-03	-0.02	0.0	2.06e-04	-1.08e-04
517	6	0.02	4.65e-03	-0.02	0.0	3.21e-05	2.02e-05
517	8	0.22	9.08e-04	2.61e-04	0.0	8.32e-04	-3.52e-04
517	14	0.06	2.92e-03	-0.01	0.0	1.76e-04	-6.35e-05
517	16	0.09	2.16e-03	-7.39e-03	0.0	3.07e-04	-1.26e-04
517	18	0.07	2.99e-03	-9.93e-03	0.0	2.26e-04	-8.83e-05
517	22	0.07	3.08e-03	-0.01	0.0	2.35e-04	-9.55e-05
517	23	0.07	-3.06e-03	7.26e-03	0.0	2.78e-04	-7.71e-05
517	24	0.07	2.40e-03	-9.10e-03	0.0	2.39e-04	-9.34e-05
518	2	0.11	8.93e-03	-0.02	0.0	2.62e-04	-1.48e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
518	4	0.08	0.01	-0.02	0.0	1.87e-04	-1.20e-04
518	6	0.02	7.48e-03	-0.02	0.0	1.25e-05	2.15e-05
518	8	0.25	5.81e-04	2.14e-04	0.0	7.93e-04	-4.06e-04
518	14	0.06	4.46e-03	-0.01	0.0	1.54e-04	-7.28e-05
518	16	0.10	3.06e-03	-7.44e-03	0.0	2.83e-04	-1.44e-04
518	22	0.08	4.52e-03	-0.01	0.0	2.13e-04	-1.09e-04
518	23	0.08	-3.82e-03	7.20e-03	0.0	2.52e-04	-9.24e-05
518	24	0.08	3.59e-03	-9.16e-03	0.0	2.17e-04	-1.07e-04
519	2	0.12	0.01	-0.02	0.0	2.44e-04	-1.63e-04
519	4	0.09	0.01	-0.02	0.0	1.74e-04	-1.31e-04
519	6	0.02	0.01	-0.02	0.0	0.0	2.37e-05
519	8	0.28	2.87e-04	1.84e-04	0.0	7.63e-04	-4.59e-04
519	14	0.07	6.11e-03	-0.01	0.0	1.40e-04	-8.12e-05
519	16	0.11	4.06e-03	-7.50e-03	0.0	2.67e-04	-1.62e-04
519	22	0.09	6.09e-03	-0.01	0.0	1.98e-04	-1.21e-04
519	24	0.09	4.89e-03	-9.22e-03	0.0	2.02e-04	-1.20e-04
520	2	0.13	0.02	-0.02	0.0	2.38e-04	-1.78e-04
520	4	0.10	0.02	-0.02	0.0	1.71e-04	-1.42e-04
520	6	0.02	0.01	-0.02	0.0	-4.13e-06	2.66e-05
520	8	0.31	1.60e-05	1.70e-04	0.0	7.52e-04	-5.12e-04
520	14	0.07	7.91e-03	-0.01	0.0	1.35e-04	-8.92e-05
520	16	0.12	5.17e-03	-7.56e-03	0.0	2.61e-04	-1.79e-04
520	22	0.10	7.82e-03	-0.01	0.0	1.92e-04	-1.34e-04
520	24	0.10	6.32e-03	-9.30e-03	0.0	1.96e-04	-1.32e-04
521	1	0.14	-8.69e-03	9.43e-03	0.0	2.96e-04	-1.66e-04
521	4	0.10	0.02	-0.02	0.0	1.75e-04	-1.47e-04
521	6	0.02	0.02	-0.02	0.0	-2.60e-06	2.81e-05
521	8	0.34	-2.44e-04	1.73e-04	0.0	7.64e-04	-5.37e-04
521	14	0.08	9.90e-03	-0.01	0.0	1.38e-04	-9.29e-05
521	16	0.13	6.41e-03	-7.62e-03	0.0	2.65e-04	-1.88e-04
521	21	0.10	-6.69e-03	7.25e-03	0.0	2.28e-04	-1.27e-04
521	22	0.10	9.74e-03	-0.01	0.0	1.96e-04	-1.39e-04
521	23	0.10	-6.69e-03	7.25e-03	0.0	2.28e-04	-1.27e-04
521	24	0.10	7.91e-03	-9.37e-03	0.0	2.00e-04	-1.38e-04
522	2	0.02	-6.29e-03	-0.03	0.0	4.54e-04	-1.29e-05
522	4	0.02	-6.39e-03	-0.03	0.0	4.03e-04	-1.16e-05
522	5	-2.31e-03	-0.01	-0.02	0.0	1.17e-04	3.44e-05
522	6	-1.73e-03	-9.91e-03	-0.02	0.0	1.30e-04	3.26e-05
522	8	0.04	3.64e-03	1.04e-03	0.0	8.18e-04	-6.14e-05
522	13	9.44e-03	-4.60e-03	-0.01	0.0	2.41e-04	0.0
522	14	9.53e-03	-4.56e-03	-0.01	0.0	2.43e-04	0.0
522	16	0.02	-1.90e-03	-8.60e-03	0.0	3.49e-04	-1.69e-05
522	22	0.01	-3.70e-03	-0.01	0.0	3.10e-04	-8.68e-06
522	24	0.01	-3.25e-03	-0.01	0.0	2.95e-04	-8.20e-06
523	2	0.04	-3.66e-03	-0.03	0.0	4.41e-04	-2.54e-05
523	4	0.03	-3.53e-03	-0.03	0.0	3.57e-04	-2.31e-05
523	5	2.48e-03	-7.28e-03	-0.02	0.0	1.11e-04	3.86e-05
523	6	3.71e-03	-6.80e-03	-0.02	0.0	1.30e-04	3.47e-05
523	8	0.08	2.96e-03	9.16e-04	0.0	9.15e-04	-9.20e-05
523	13	0.02	-3.09e-03	-0.01	0.0	2.59e-04	-4.27e-06
523	14	0.02	-2.99e-03	-0.01	0.0	2.62e-04	-4.86e-06
523	16	0.03	-1.08e-03	-8.64e-03	0.0	3.83e-04	-2.76e-05
523	22	0.03	-2.29e-03	-0.01	0.0	3.26e-04	-1.69e-05
523	24	0.03	-2.08e-03	-0.01	0.0	3.21e-04	-1.59e-05
524	1	0.04	-1.51e-03	0.01	0.0	4.24e-04	-1.70e-05
524	2	0.06	-1.08e-03	-0.03	0.0	4.12e-04	-3.69e-05
524	4	0.05	-7.27e-04	-0.03	0.0	3.14e-04	-3.30e-05
524	5	6.64e-03	-4.50e-03	-0.02	0.0	8.93e-05	4.35e-05
524	6	8.69e-03	-3.79e-03	-0.02	0.0	1.12e-04	3.68e-05
524	8	0.12	2.37e-03	8.03e-04	0.0	9.51e-04	-1.24e-04
524	13	0.03	-1.61e-03	-0.01	0.0	2.52e-04	-8.95e-06
524	14	0.03	-1.45e-03	-0.01	0.0	2.56e-04	-9.96e-06
524	16	0.05	-2.55e-04	-8.67e-03	0.0	3.88e-04	-3.85e-05
524	21	0.03	-1.16e-03	8.96e-03	0.0	3.26e-04	-1.31e-05
524	22	0.04	-9.01e-04	-0.01	0.0	3.19e-04	-2.50e-05
524	23	0.03	-1.16e-03	8.96e-03	0.0	3.26e-04	-1.31e-05
524	24	0.04	-9.30e-04	-0.01	0.0	3.20e-04	-2.37e-05
525	1	0.06	-2.46e-03	0.01	0.0	4.33e-04	-2.55e-05
525	2	0.07	1.50e-03	-0.03	0.0	3.76e-04	-4.78e-05
525	4	0.06	2.07e-03	-0.03	0.0	2.76e-04	-4.19e-05
525	6	0.01	-8.32e-04	-0.02	0.0	8.50e-05	3.93e-05
525	8	0.15	1.85e-03	7.05e-04	0.0	9.47e-04	-1.58e-04
525	9	0.03	-2.30e-03	-0.01	0.0	1.70e-04	1.57e-05
525	14	0.04	7.21e-05	-0.01	0.0	2.36e-04	-1.49e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
525	16	0.06	5.80e-04	-8.71e-03	0.0	3.73e-04	-4.96e-05
525	20	0.06	6.46e-04	-0.01	0.0	3.30e-04	-3.92e-05
525	21	0.04	-1.89e-03	8.75e-03	0.0	3.33e-04	-1.96e-05
525	22	0.05	4.85e-04	-0.01	0.0	2.99e-04	-3.30e-05
525	23	0.04	-1.89e-03	8.75e-03	0.0	3.33e-04	-1.96e-05
525	24	0.05	2.21e-04	-0.01	0.0	3.03e-04	-3.15e-05
526	2	0.09	4.13e-03	-0.03	0.0	3.38e-04	-5.78e-05
526	4	0.07	4.92e-03	-0.03	0.0	2.43e-04	-4.98e-05
526	6	0.02	2.12e-03	-0.02	0.0	5.60e-05	4.23e-05
526	8	0.19	1.39e-03	6.23e-04	0.0	9.19e-04	-1.92e-04
526	10	0.05	2.85e-03	-0.02	0.0	2.31e-04	-2.41e-05
526	14	0.05	1.62e-03	-0.01	0.0	2.09e-04	-1.96e-05
526	16	0.08	1.44e-03	-8.76e-03	0.0	3.49e-04	-6.05e-05
526	18	0.06	1.87e-03	-0.01	0.0	2.63e-04	-3.63e-05
526	21	0.06	-2.62e-03	8.60e-03	0.0	3.16e-04	-2.67e-05
526	22	0.06	1.90e-03	-0.01	0.0	2.72e-04	-4.05e-05
526	23	0.06	-2.62e-03	8.60e-03	0.0	3.16e-04	-2.67e-05
526	24	0.06	1.40e-03	-0.01	0.0	2.77e-04	-3.90e-05
527	2	0.10	6.87e-03	-0.03	0.0	3.03e-04	-6.70e-05
527	4	0.08	7.88e-03	-0.03	0.0	2.16e-04	-5.68e-05
527	6	0.02	5.13e-03	-0.02	0.0	2.97e-05	4.59e-05
527	8	0.23	9.76e-04	5.58e-04	0.0	8.78e-04	-2.26e-04
527	14	0.06	3.21e-03	-0.01	0.0	1.83e-04	-2.37e-05
527	16	0.09	2.36e-03	-8.81e-03	0.0	3.22e-04	-7.11e-05
527	18	0.07	3.29e-03	-0.01	0.0	2.37e-04	-4.33e-05
527	21	0.07	-3.39e-03	8.49e-03	0.0	2.90e-04	-3.38e-05
527	22	0.07	3.38e-03	-0.01	0.0	2.45e-04	-4.76e-05
527	23	0.07	-3.39e-03	8.49e-03	0.0	2.90e-04	-3.38e-05
527	24	0.07	2.62e-03	-0.01	0.0	2.50e-04	-4.61e-05
528	2	0.11	9.78e-03	-0.03	0.0	2.75e-04	-7.55e-05
528	4	0.09	0.01	-0.03	0.0	1.96e-04	-6.33e-05
528	6	0.02	8.24e-03	-0.02	0.0	9.34e-06	4.99e-05
528	8	0.26	6.07e-04	5.10e-04	0.0	8.38e-04	-2.59e-04
528	14	0.06	4.89e-03	-0.01	0.0	1.61e-04	-2.74e-05
528	16	0.10	3.34e-03	-8.86e-03	0.0	2.98e-04	-8.12e-05
528	22	0.08	4.94e-03	-0.01	0.0	2.23e-04	-5.42e-05
528	23	0.08	-4.20e-03	8.43e-03	0.0	2.63e-04	-4.07e-05
528	24	0.08	3.93e-03	-0.01	0.0	2.27e-04	-5.27e-05
529	2	0.12	0.01	-0.03	0.0	2.56e-04	-8.34e-05
529	4	0.09	0.01	-0.03	0.0	1.83e-04	-6.92e-05
529	6	0.02	0.01	-0.02	0.0	-3.39e-06	5.43e-05
529	8	0.30	2.69e-04	4.79e-04	0.0	8.07e-04	-2.92e-04
529	14	0.07	6.68e-03	-0.01	0.0	1.46e-04	-3.07e-05
529	16	0.12	4.41e-03	-8.91e-03	0.0	2.81e-04	-9.09e-05
529	22	0.09	6.63e-03	-0.01	0.0	2.07e-04	-6.04e-05
529	24	0.09	5.33e-03	-0.01	0.0	2.11e-04	-5.89e-05
530	2	0.13	0.02	-0.03	0.0	2.50e-04	-9.13e-05
530	4	0.10	0.02	-0.03	0.0	1.79e-04	-7.52e-05
530	6	0.02	0.02	-0.02	0.0	-8.21e-06	5.93e-05
530	8	0.33	-4.82e-05	4.65e-04	0.0	7.95e-04	-3.25e-04
530	14	0.08	8.61e-03	-0.01	0.0	1.40e-04	-3.38e-05
530	16	0.13	5.59e-03	-8.97e-03	0.0	2.74e-04	-1.01e-04
530	22	0.10	8.47e-03	-0.01	0.0	2.01e-04	-6.65e-05
530	24	0.10	6.85e-03	-0.01	0.0	2.05e-04	-6.51e-05
531	2	0.14	0.02	-0.03	0.0	2.55e-04	-9.50e-05
531	4	0.11	0.02	-0.03	0.0	1.84e-04	-7.81e-05
531	6	0.02	0.02	-0.02	0.0	-6.76e-06	6.17e-05
531	8	0.36	-3.56e-04	4.69e-04	0.0	8.07e-04	-3.41e-04
531	14	0.08	0.01	-0.01	0.0	1.43e-04	-3.52e-05
531	16	0.14	6.88e-03	-9.02e-03	0.0	2.79e-04	-1.05e-04
531	22	0.11	0.01	-0.01	0.0	2.05e-04	-6.94e-05
531	24	0.11	8.53e-03	-0.01	0.0	2.09e-04	-6.80e-05
532	2	0.02	-6.74e-03	-0.03	0.0	4.62e-04	-1.42e-06
532	4	0.02	-6.79e-03	-0.03	0.0	4.10e-04	-1.23e-06
532	5	-3.86e-03	-0.01	-0.03	0.0	1.11e-04	3.99e-05
532	6	-3.21e-03	-0.01	-0.03	0.0	1.26e-04	3.81e-05
532	8	0.05	3.83e-03	1.37e-03	0.0	8.38e-04	-4.37e-05
532	13	9.29e-03	-5.00e-03	-0.02	0.0	2.43e-04	6.96e-06
532	14	9.39e-03	-4.95e-03	-0.02	0.0	2.45e-04	6.69e-06
532	16	0.02	-2.09e-03	-0.01	0.0	3.55e-04	-8.88e-06
532	22	0.01	-4.01e-03	-0.02	0.0	3.15e-04	0.0
532	24	0.01	-3.54e-03	-0.01	0.0	2.99e-04	0.0
533	2	0.04	-3.93e-03	-0.03	0.0	4.48e-04	-2.56e-06
533	4	0.03	-3.75e-03	-0.03	0.0	3.63e-04	-2.75e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
533	5	6.75e-04	-7.90e-03	-0.03	0.0	1.04e-04	4.83e-05
533	6	2.05e-03	-7.38e-03	-0.03	0.0	1.25e-04	4.44e-05
533	8	0.08	3.13e-03	1.25e-03	0.0	9.36e-04	-5.43e-05
533	13	0.02	-3.36e-03	-0.02	0.0	2.60e-04	8.50e-06
533	14	0.02	-3.25e-03	-0.02	0.0	2.63e-04	7.91e-06
533	16	0.03	-1.19e-03	-0.01	0.0	3.89e-04	-1.09e-05
533	22	0.03	-2.49e-03	-0.02	0.0	3.30e-04	-1.40e-06
533	24	0.03	-2.28e-03	-0.01	0.0	3.25e-04	-1.18e-06
534	1	0.04	-1.75e-03	0.01	0.0	4.27e-04	3.16e-06
534	2	0.06	-1.15e-03	-0.03	0.0	4.18e-04	-3.11e-06
534	4	0.05	-7.50e-04	-0.03	0.0	3.20e-04	-3.84e-06
534	5	4.54e-03	-4.90e-03	-0.03	0.0	8.15e-05	5.75e-05
534	6	6.86e-03	-4.12e-03	-0.03	0.0	1.07e-04	5.07e-05
534	8	0.12	2.52e-03	1.14e-03	0.0	9.74e-04	-6.51e-05
534	13	0.03	-1.76e-03	-0.02	0.0	2.53e-04	1.06e-05
534	14	0.03	-1.59e-03	-0.02	0.0	2.57e-04	9.56e-06
534	16	0.05	-2.97e-04	-0.01	0.0	3.94e-04	-1.24e-05
534	21	0.03	-1.35e-03	0.01	0.0	3.28e-04	2.43e-06
534	22	0.04	-9.89e-04	-0.02	0.0	3.23e-04	-1.33e-06
534	23	0.03	-1.35e-03	0.01	0.0	3.28e-04	2.43e-06
534	24	0.04	-1.03e-03	-0.01	0.0	3.24e-04	0.0
535	1	0.06	-2.74e-03	0.01	0.0	4.36e-04	5.74e-06
535	2	0.07	1.62e-03	-0.03	0.0	3.81e-04	-3.34e-06
535	4	0.06	2.26e-03	-0.03	0.0	2.81e-04	-4.66e-06
535	6	0.01	-9.11e-04	-0.03	0.0	8.01e-05	5.74e-05
535	8	0.16	1.96e-03	1.04e-03	0.0	9.71e-04	-7.64e-05
535	9	0.03	-2.56e-03	-0.01	0.0	1.62e-04	4.33e-05
535	14	0.04	6.10e-05	-0.02	0.0	2.37e-04	1.15e-05
535	16	0.06	6.08e-04	-0.01	0.0	3.80e-04	-1.39e-05
535	20	0.06	6.85e-04	-0.01	0.0	3.35e-04	-6.78e-06
535	21	0.04	-2.11e-03	9.96e-03	0.0	3.35e-04	4.41e-06
535	22	0.05	5.10e-04	-0.02	0.0	3.03e-04	-1.03e-06
535	23	0.04	-2.11e-03	9.96e-03	0.0	3.35e-04	4.41e-06
535	24	0.05	2.20e-04	-0.01	0.0	3.06e-04	0.0
536	2	0.09	4.46e-03	-0.03	0.0	3.43e-04	-3.41e-06
536	4	0.07	5.32e-03	-0.03	0.0	2.47e-04	-5.32e-06
536	6	0.01	2.30e-03	-0.03	0.0	5.07e-05	6.41e-05
536	8	0.20	1.47e-03	9.60e-04	0.0	9.43e-04	-8.81e-05
536	10	0.05	3.09e-03	-0.02	0.0	2.34e-04	9.69e-06
536	14	0.05	1.73e-03	-0.02	0.0	2.11e-04	1.35e-05
536	16	0.08	1.54e-03	-0.01	0.0	3.55e-04	-1.53e-05
536	18	0.06	2.01e-03	-0.01	0.0	2.67e-04	1.01e-06
536	21	0.06	-2.88e-03	9.81e-03	0.0	3.19e-04	6.37e-06
536	22	0.06	2.04e-03	-0.02	0.0	2.76e-04	0.0
536	23	0.06	-2.88e-03	9.81e-03	0.0	3.19e-04	6.37e-06
536	24	0.06	1.49e-03	-0.01	0.0	2.81e-04	0.0
537	2	0.10	7.40e-03	-0.03	0.0	3.07e-04	-3.47e-06
537	4	0.08	8.51e-03	-0.03	0.0	2.20e-04	-5.93e-06
537	6	0.01	5.56e-03	-0.03	0.0	2.41e-05	7.09e-05
537	8	0.24	1.02e-03	8.96e-04	0.0	9.02e-04	-1.00e-04
537	14	0.06	3.46e-03	-0.02	0.0	1.84e-04	1.55e-05
537	16	0.09	2.53e-03	-0.01	0.0	3.28e-04	-1.68e-05
537	18	0.07	3.54e-03	-0.01	0.0	2.40e-04	1.17e-06
537	21	0.07	-3.69e-03	9.70e-03	0.0	2.92e-04	8.21e-06
537	22	0.08	3.63e-03	-0.02	0.0	2.49e-04	0.0
537	23	0.07	-3.69e-03	9.70e-03	0.0	2.92e-04	8.21e-06
537	24	0.07	2.81e-03	-0.01	0.0	2.54e-04	0.0
538	2	0.11	0.01	-0.03	0.0	2.79e-04	-3.60e-06
538	4	0.09	0.01	-0.03	0.0	1.99e-04	-6.57e-06
538	6	0.02	8.92e-03	-0.03	0.0	3.57e-06	7.77e-05
538	8	0.27	6.14e-04	8.49e-04	0.0	8.61e-04	-1.13e-04
538	14	0.06	5.26e-03	-0.02	0.0	1.62e-04	1.75e-05
538	16	0.11	3.57e-03	-0.01	0.0	3.04e-04	-1.84e-05
538	22	0.08	5.30e-03	-0.02	0.0	2.26e-04	0.0
538	23	0.08	-4.54e-03	9.63e-03	0.0	2.66e-04	9.89e-06
538	24	0.08	4.21e-03	-0.01	0.0	2.30e-04	1.11e-06
539	2	0.12	0.01	-0.03	0.0	2.60e-04	-3.84e-06
539	4	0.10	0.02	-0.03	0.0	1.87e-04	-7.27e-06
539	6	0.02	0.01	-0.03	0.0	-9.33e-06	8.45e-05
539	8	0.30	2.37e-04	8.20e-04	0.0	8.30e-04	-1.25e-04
539	14	0.07	7.17e-03	-0.02	0.0	1.47e-04	1.94e-05
539	16	0.12	4.70e-03	-0.01	0.0	2.87e-04	-2.01e-05
539	22	0.09	7.09e-03	-0.02	0.0	2.10e-04	0.0
539	24	0.09	5.70e-03	-0.01	0.0	2.14e-04	1.46e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
540	2	0.13	0.02	-0.03	0.0	2.54e-04	-4.13e-06
540	4	0.10	0.02	-0.03	0.0	1.83e-04	-8.03e-06
540	6	0.01	0.02	-0.03	0.0	-1.43e-05	9.15e-05
540	8	0.34	-1.21e-04	8.07e-04	0.0	8.18e-04	-1.38e-04
540	14	0.08	9.21e-03	-0.02	0.0	1.41e-04	2.13e-05
540	16	0.13	5.94e-03	-0.01	0.0	2.80e-04	-2.19e-05
540	22	0.10	9.02e-03	-0.02	0.0	2.04e-04	0.0
540	24	0.10	7.31e-03	-0.01	0.0	2.08e-04	1.78e-06
541	2	0.14	0.02	-0.03	0.0	2.59e-04	-4.28e-06
541	4	0.11	0.02	-0.03	0.0	1.87e-04	-8.40e-06
541	6	0.01	0.02	-0.03	0.0	-1.29e-05	9.49e-05
541	8	0.37	-4.70e-04	8.12e-04	0.0	8.30e-04	-1.44e-04
541	14	0.08	0.01	-0.02	0.0	1.43e-04	2.22e-05
541	16	0.14	7.28e-03	-0.01	0.0	2.84e-04	-2.28e-05
541	22	0.11	0.01	-0.02	0.0	2.08e-04	0.0
541	24	0.11	9.06e-03	-0.01	0.0	2.11e-04	1.93e-06
542	2	0.02	-7.14e-03	-0.03	0.0	4.57e-04	9.79e-06
542	4	0.02	-7.14e-03	-0.04	0.0	4.07e-04	8.93e-06
542	5	-5.63e-03	-0.01	-0.03	0.0	1.01e-04	4.51e-05
542	6	-4.92e-03	-0.01	-0.03	0.0	1.18e-04	4.33e-05
542	8	0.05	3.97e-03	1.72e-03	0.0	8.40e-04	-2.61e-05
542	13	8.88e-03	-5.36e-03	-0.02	0.0	2.39e-04	1.32e-05
542	14	8.98e-03	-5.31e-03	-0.02	0.0	2.41e-04	1.29e-05
542	16	0.02	-2.26e-03	-0.01	0.0	3.53e-04	-1.01e-06
542	22	0.01	-4.29e-03	-0.02	0.0	3.12e-04	6.51e-06
542	24	0.01	-3.81e-03	-0.01	0.0	2.96e-04	6.10e-06
543	2	0.04	-4.17e-03	-0.03	0.0	4.43e-04	1.97e-05
543	4	0.03	-3.94e-03	-0.04	0.0	3.60e-04	1.71e-05
543	5	-1.52e-03	-8.46e-03	-0.03	0.0	9.31e-05	5.74e-05
543	6	9.52e-06	-7.90e-03	-0.03	0.0	1.17e-04	5.36e-05
543	8	0.08	3.27e-03	1.60e-03	0.0	9.37e-04	-1.72e-05
543	13	0.02	-3.62e-03	-0.02	0.0	2.55e-04	2.09e-05
543	14	0.02	-3.50e-03	-0.02	0.0	2.59e-04	2.03e-05
543	16	0.03	-1.30e-03	-0.01	0.0	3.87e-04	5.47e-06
543	22	0.03	-2.67e-03	-0.02	0.0	3.26e-04	1.37e-05
543	24	0.03	-2.46e-03	-0.01	0.0	3.21e-04	1.32e-05
544	1	0.04	-1.99e-03	0.01	0.0	4.19e-04	2.26e-05
544	2	0.06	-1.23e-03	-0.03	0.0	4.13e-04	2.99e-05
544	4	0.05	-7.71e-04	-0.04	0.0	3.16e-04	2.47e-05
544	5	1.86e-03	-5.27e-03	-0.03	0.0	6.93e-05	7.08e-05
544	6	4.46e-03	-4.42e-03	-0.03	0.0	9.83e-05	6.40e-05
544	8	0.12	2.63e-03	1.50e-03	0.0	9.75e-04	-6.93e-06
544	13	0.03	-1.91e-03	-0.02	0.0	2.48e-04	2.95e-05
544	14	0.03	-1.73e-03	-0.02	0.0	2.52e-04	2.85e-05
544	16	0.05	-3.45e-04	-0.01	0.0	3.91e-04	1.30e-05
544	21	0.03	-1.53e-03	0.01	0.0	3.22e-04	1.74e-05
544	22	0.04	-1.08e-03	-0.02	0.0	3.19e-04	2.18e-05
544	23	0.03	-1.53e-03	0.01	0.0	3.22e-04	1.74e-05
544	24	0.04	-1.13e-03	-0.01	0.0	3.19e-04	2.13e-05
545	1	0.06	-3.02e-03	0.01	0.0	4.27e-04	3.59e-05
545	2	0.07	1.72e-03	-0.03	0.0	3.76e-04	4.00e-05
545	4	0.06	2.42e-03	-0.04	0.0	2.78e-04	3.17e-05
545	6	7.93e-03	-9.90e-04	-0.03	0.0	7.11e-05	7.46e-05
545	8	0.16	2.05e-03	1.41e-03	0.0	9.72e-04	3.81e-06
545	9	0.03	-2.81e-03	-0.02	0.0	1.47e-04	6.96e-05
545	14	0.04	4.01e-05	-0.02	0.0	2.32e-04	3.71e-05
545	16	0.06	6.22e-04	-0.01	0.0	3.76e-04	2.10e-05
545	20	0.06	7.09e-04	-0.01	0.0	3.32e-04	2.49e-05
545	21	0.04	-2.32e-03	0.01	0.0	3.29e-04	2.76e-05
545	22	0.05	5.22e-04	-0.02	0.0	2.98e-04	3.01e-05
545	23	0.04	-2.32e-03	0.01	0.0	3.29e-04	2.76e-05
545	24	0.05	2.06e-04	-0.01	0.0	3.01e-04	2.98e-05
546	2	0.09	4.73e-03	-0.03	0.0	3.38e-04	4.97e-05
546	4	0.07	5.67e-03	-0.04	0.0	2.44e-04	3.81e-05
546	6	0.01	2.45e-03	-0.03	0.0	4.18e-05	8.50e-05
546	8	0.20	1.52e-03	1.33e-03	0.0	9.44e-04	1.42e-05
546	10	0.05	3.31e-03	-0.02	0.0	2.31e-04	4.27e-05
546	14	0.05	1.83e-03	-0.02	0.0	2.05e-04	4.56e-05
546	16	0.08	1.62e-03	-0.01	0.0	3.52e-04	2.89e-05
546	18	0.06	2.12e-03	-0.02	0.0	2.63e-04	3.73e-05
546	21	0.06	-3.13e-03	0.01	0.0	3.12e-04	3.84e-05
546	22	0.06	2.15e-03	-0.02	0.0	2.71e-04	3.82e-05
546	23	0.06	-3.13e-03	0.01	0.0	3.12e-04	3.84e-05
546	24	0.06	1.56e-03	-0.01	0.0	2.76e-04	3.82e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
547	2	0.10	7.85e-03	-0.03	0.0	3.03e-04	5.85e-05
547	4	0.08	9.04e-03	-0.04	0.0	2.17e-04	4.38e-05
547	6	0.01	5.93e-03	-0.03	0.0	1.55e-05	9.50e-05
547	8	0.24	1.04e-03	1.27e-03	0.0	9.04e-04	2.37e-05
547	14	0.06	3.66e-03	-0.02	0.0	1.79e-04	5.36e-05
547	16	0.09	2.66e-03	-0.01	0.0	3.25e-04	3.63e-05
547	18	0.07	3.76e-03	-0.02	0.0	2.37e-04	4.45e-05
547	21	0.07	-3.97e-03	0.01	0.0	2.86e-04	4.89e-05
547	22	0.07	3.84e-03	-0.02	0.0	2.45e-04	4.59e-05
547	23	0.07	-3.97e-03	0.01	0.0	2.86e-04	4.89e-05
547	24	0.07	2.97e-03	-0.01	0.0	2.49e-04	4.62e-05
548	2	0.11	0.01	-0.03	0.0	2.75e-04	6.65e-05
548	4	0.09	0.01	-0.04	0.0	1.97e-04	4.89e-05
548	6	0.01	9.52e-03	-0.03	0.0	-4.78e-06	1.04e-04
548	8	0.27	6.04e-04	1.23e-03	0.0	8.64e-04	3.20e-05
548	14	0.06	5.57e-03	-0.02	0.0	1.57e-04	6.11e-05
548	16	0.11	3.76e-03	-0.01	0.0	3.02e-04	4.30e-05
548	22	0.08	5.60e-03	-0.02	0.0	2.22e-04	5.29e-05
548	23	0.08	-4.86e-03	0.01	0.0	2.60e-04	5.90e-05
548	24	0.08	4.44e-03	-0.01	0.0	2.26e-04	5.36e-05
549	2	0.12	0.01	-0.03	0.0	2.57e-04	7.38e-05
549	4	0.09	0.02	-0.04	0.0	1.85e-04	5.33e-05
549	6	0.01	0.01	-0.03	0.0	-1.75e-05	1.13e-04
549	8	0.31	1.91e-04	1.20e-03	0.0	8.33e-04	3.94e-05
549	14	0.07	7.59e-03	-0.02	0.0	1.42e-04	6.80e-05
549	16	0.12	4.95e-03	-0.01	0.0	2.85e-04	4.91e-05
549	22	0.09	7.48e-03	-0.02	0.0	2.07e-04	5.93e-05
549	24	0.09	6.01e-03	-0.01	0.0	2.11e-04	6.03e-05
550	2	0.13	0.02	-0.03	0.0	2.50e-04	8.09e-05
550	4	0.10	0.02	-0.04	0.0	1.81e-04	5.76e-05
550	6	0.01	0.02	-0.03	0.0	-2.23e-05	1.22e-04
550	8	0.34	-2.03e-04	1.19e-03	0.0	8.21e-04	4.64e-05
550	14	0.07	9.73e-03	-0.02	0.0	1.36e-04	7.49e-05
550	16	0.13	6.22e-03	-0.01	0.0	2.78e-04	5.50e-05
550	22	0.10	9.49e-03	-0.02	0.0	2.01e-04	6.56e-05
550	24	0.10	7.68e-03	-0.01	0.0	2.04e-04	6.70e-05
551	2	0.14	0.02	-0.03	0.0	2.55e-04	8.42e-05
551	4	0.11	0.02	-0.04	0.0	1.85e-04	5.96e-05
551	6	9.26e-03	0.02	-0.03	0.0	-2.11e-05	1.27e-04
551	8	0.37	-5.88e-04	1.19e-03	0.0	8.33e-04	4.97e-05
551	14	0.08	0.01	-0.02	0.0	1.39e-04	7.81e-05
551	16	0.14	7.61e-03	-0.01	0.0	2.82e-04	5.78e-05
551	22	0.11	0.01	-0.02	0.0	2.05e-04	6.86e-05
551	24	0.11	9.50e-03	-0.01	0.0	2.08e-04	7.01e-05
552	2	0.02	-7.51e-03	-0.04	0.0	4.43e-04	2.07e-05
552	4	0.02	-7.45e-03	-0.04	0.0	3.93e-04	1.89e-05
552	5	-7.61e-03	-0.01	-0.03	0.0	8.78e-05	5.00e-05
552	6	-6.84e-03	-0.01	-0.04	0.0	1.06e-04	4.83e-05
552	8	0.05	4.08e-03	2.09e-03	0.0	8.23e-04	-8.92e-06
552	13	8.21e-03	-5.69e-03	-0.02	0.0	2.29e-04	1.93e-05
552	14	8.33e-03	-5.64e-03	-0.02	0.0	2.32e-04	1.90e-05
552	16	0.02	-2.42e-03	-0.01	0.0	3.43e-04	6.70e-06
552	22	0.01	-4.54e-03	-0.02	0.0	3.01e-04	1.38e-05
552	24	0.01	-4.06e-03	-0.02	0.0	2.86e-04	1.30e-05
553	2	0.04	-4.40e-03	-0.04	0.0	4.27e-04	4.13e-05
553	4	0.03	-4.11e-03	-0.04	0.0	3.47e-04	3.63e-05
553	5	-4.09e-03	-8.97e-03	-0.03	0.0	7.77e-05	6.61e-05
553	6	-2.41e-03	-8.38e-03	-0.04	0.0	1.04e-04	6.23e-05
553	8	0.08	3.36e-03	1.98e-03	0.0	9.16e-04	1.90e-05
553	13	0.02	-3.85e-03	-0.02	0.0	2.43e-04	3.28e-05
553	14	0.02	-3.73e-03	-0.02	0.0	2.47e-04	3.23e-05
553	16	0.03	-1.41e-03	-0.01	0.0	3.75e-04	2.13e-05
553	22	0.03	-2.84e-03	-0.02	0.0	3.14e-04	2.84e-05
553	24	0.03	-2.63e-03	-0.02	0.0	3.09e-04	2.71e-05
554	1	0.04	-2.23e-03	0.02	0.0	4.01e-04	4.16e-05
554	2	0.05	-1.31e-03	-0.04	0.0	3.97e-04	6.17e-05
554	4	0.05	-7.95e-04	-0.04	0.0	3.05e-04	5.21e-05
554	5	-1.36e-03	-5.61e-03	-0.03	0.0	5.29e-05	8.32e-05
554	6	1.52e-03	-4.71e-03	-0.04	0.0	8.52e-05	7.66e-05
554	8	0.12	2.70e-03	1.89e-03	0.0	9.52e-04	4.97e-05
554	13	0.03	-2.05e-03	-0.02	0.0	2.35e-04	4.77e-05
554	14	0.03	-1.86e-03	-0.02	0.0	2.40e-04	4.68e-05
554	16	0.05	-4.00e-04	-0.01	0.0	3.78e-04	3.77e-05
554	21	0.03	-1.72e-03	0.01	0.0	3.08e-04	3.20e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
554	22	0.04	-1.16e-03	-0.02	0.0	3.06e-04	4.40e-05
554	23	0.03	-1.72e-03	0.01	0.0	3.08e-04	3.20e-05
554	24	0.04	-1.23e-03	-0.02	0.0	3.06e-04	4.27e-05
555	1	0.05	-3.28e-03	0.02	0.0	4.07e-04	6.52e-05
555	2	0.07	1.79e-03	-0.04	0.0	3.61e-04	8.17e-05
555	4	0.06	2.55e-03	-0.04	0.0	2.67e-04	6.66e-05
555	6	4.46e-03	-1.07e-03	-0.04	0.0	5.82e-05	9.10e-05
555	8	0.16	2.10e-03	1.80e-03	0.0	9.49e-04	8.18e-05
555	9	0.02	-3.06e-03	-0.02	0.0	1.25e-04	9.41e-05
555	14	0.04	8.66e-06	-0.02	0.0	2.19e-04	6.17e-05
555	16	0.06	6.20e-04	-0.01	0.0	3.63e-04	5.47e-05
555	20	0.05	7.18e-04	-0.02	0.0	3.19e-04	5.54e-05
555	21	0.04	-2.53e-03	0.01	0.0	3.13e-04	5.02e-05
555	22	0.05	5.19e-04	-0.02	0.0	2.85e-04	6.00e-05
555	23	0.04	-2.53e-03	0.01	0.0	3.13e-04	5.02e-05
555	24	0.05	1.81e-04	-0.02	0.0	2.88e-04	5.89e-05
556	2	0.08	4.95e-03	-0.04	0.0	3.24e-04	1.00e-04
556	4	0.07	5.96e-03	-0.04	0.0	2.35e-04	7.97e-05
556	6	6.23e-03	2.57e-03	-0.04	0.0	2.95e-05	1.05e-04
556	8	0.20	1.55e-03	1.73e-03	0.0	9.22e-04	1.13e-04
556	10	0.05	3.49e-03	-0.02	0.0	2.21e-04	7.47e-05
556	14	0.05	1.90e-03	-0.02	0.0	1.93e-04	7.63e-05
556	16	0.08	1.67e-03	-0.01	0.0	3.40e-04	7.14e-05
556	18	0.06	2.21e-03	-0.02	0.0	2.52e-04	7.23e-05
556	21	0.05	-3.36e-03	0.01	0.0	2.97e-04	6.93e-05
556	22	0.06	2.23e-03	-0.02	0.0	2.59e-04	7.55e-05
556	23	0.05	-3.36e-03	0.01	0.0	2.97e-04	6.93e-05
556	24	0.06	1.61e-03	-0.02	0.0	2.64e-04	7.48e-05
557	2	0.10	8.22e-03	-0.04	0.0	2.90e-04	1.18e-04
557	4	0.08	9.49e-03	-0.04	0.0	2.09e-04	9.13e-05
557	6	6.88e-03	6.25e-03	-0.04	0.0	4.01e-06	1.18e-04
557	8	0.23	1.05e-03	1.68e-03	0.0	8.84e-04	1.44e-04
557	14	0.05	3.83e-03	-0.02	0.0	1.68e-04	9.00e-05
557	16	0.09	2.76e-03	-0.01	0.0	3.14e-04	8.72e-05
557	18	0.07	3.94e-03	-0.02	0.0	2.26e-04	8.62e-05
557	21	0.06	-4.23e-03	0.01	0.0	2.71e-04	8.81e-05
557	22	0.07	4.00e-03	-0.02	0.0	2.34e-04	9.00e-05
557	23	0.06	-4.23e-03	0.01	0.0	2.71e-04	8.81e-05
557	24	0.07	3.09e-03	-0.02	0.0	2.38e-04	8.98e-05
558	2	0.11	0.01	-0.04	0.0	2.63e-04	1.33e-04
558	4	0.08	0.01	-0.04	0.0	1.90e-04	1.02e-04
558	6	6.60e-03	0.01	-0.04	0.0	-1.55e-05	1.29e-04
558	8	0.27	5.75e-04	1.64e-03	0.0	8.45e-04	1.72e-04
558	14	0.06	5.83e-03	-0.02	0.0	1.47e-04	1.03e-04
558	16	0.10	3.91e-03	-0.01	0.0	2.91e-04	1.02e-04
558	22	0.08	5.85e-03	-0.02	0.0	2.12e-04	1.03e-04
558	23	0.08	-5.14e-03	0.01	0.0	2.46e-04	1.06e-04
558	24	0.08	4.63e-03	-0.02	0.0	2.16e-04	1.04e-04
559	2	0.12	0.02	-0.04	0.0	2.46e-04	1.48e-04
559	4	0.09	0.02	-0.04	0.0	1.78e-04	1.11e-04
559	6	5.69e-03	0.01	-0.04	0.0	-2.75e-05	1.40e-04
559	8	0.30	1.32e-04	1.61e-03	0.0	8.16e-04	1.99e-04
559	14	0.06	7.94e-03	-0.02	0.0	1.33e-04	1.14e-04
559	16	0.11	5.14e-03	-0.01	0.0	2.75e-04	1.15e-04
559	22	0.09	7.80e-03	-0.02	0.0	1.98e-04	1.16e-04
559	24	0.09	6.26e-03	-0.02	0.0	2.01e-04	1.16e-04
560	2	0.13	0.02	-0.04	0.0	2.40e-04	1.62e-04
560	4	0.10	0.02	-0.04	0.0	1.74e-04	1.20e-04
560	6	4.44e-03	0.02	-0.04	0.0	-3.22e-05	1.51e-04
560	8	0.33	-2.93e-04	1.60e-03	0.0	8.05e-04	2.25e-04
560	14	0.07	0.01	-0.02	0.0	1.27e-04	1.25e-04
560	16	0.12	6.46e-03	-0.01	0.0	2.69e-04	1.29e-04
560	22	0.10	9.88e-03	-0.02	0.0	1.92e-04	1.28e-04
560	24	0.10	7.99e-03	-0.02	0.0	1.95e-04	1.29e-04
561	2	0.14	0.02	-0.04	0.0	2.44e-04	1.68e-04
561	4	0.11	0.03	-0.04	0.0	1.78e-04	1.24e-04
561	6	3.15e-03	0.02	-0.04	0.0	-3.11e-05	1.56e-04
561	8	0.37	-7.10e-04	1.61e-03	0.0	8.16e-04	2.37e-04
561	14	0.08	0.01	-0.02	0.0	1.30e-04	1.31e-04
561	16	0.13	7.88e-03	-0.01	0.0	2.73e-04	1.35e-04
561	22	0.10	0.01	-0.02	0.0	1.95e-04	1.33e-04
561	24	0.10	9.86e-03	-0.02	0.0	1.98e-04	1.35e-04
562	2	0.02	-7.83e-03	-0.04	0.0	4.17e-04	3.13e-05
562	4	0.02	-7.72e-03	-0.05	0.0	3.71e-04	2.84e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
562	5	-9.78e-03	-0.01	-0.04	0.0	7.09e-05	5.46e-05
562	6	-8.95e-03	-0.01	-0.04	0.0	9.07e-05	5.31e-05
562	8	0.05	4.15e-03	2.49e-03	0.0	7.88e-04	7.87e-06
562	13	7.30e-03	-5.99e-03	-0.02	0.0	2.14e-04	2.52e-05
562	14	7.43e-03	-5.94e-03	-0.02	0.0	2.17e-04	2.49e-05
562	16	0.02	-2.58e-03	-0.01	0.0	3.26e-04	1.42e-05
562	22	0.01	-4.78e-03	-0.02	0.0	2.84e-04	2.09e-05
562	24	0.01	-4.28e-03	-0.02	0.0	2.70e-04	1.97e-05
563	2	0.04	-4.60e-03	-0.04	0.0	4.00e-04	6.18e-05
563	4	0.03	-4.27e-03	-0.05	0.0	3.26e-04	5.45e-05
563	5	-7.01e-03	-9.43e-03	-0.04	0.0	5.84e-05	7.41e-05
563	6	-5.18e-03	-8.81e-03	-0.04	0.0	8.73e-05	7.07e-05
563	8	0.08	3.42e-03	2.39e-03	0.0	8.75e-04	5.40e-05
563	13	0.02	-4.07e-03	-0.02	0.0	2.25e-04	4.43e-05
563	14	0.02	-3.95e-03	-0.02	0.0	2.29e-04	4.38e-05
563	16	0.03	-1.52e-03	-0.01	0.0	3.54e-04	3.66e-05
563	22	0.02	-3.01e-03	-0.02	0.0	2.95e-04	4.25e-05
563	24	0.02	-2.80e-03	-0.02	0.0	2.90e-04	4.05e-05
564	1	0.03	-2.47e-03	0.02	0.0	3.72e-04	6.03e-05
564	2	0.05	-1.40e-03	-0.04	0.0	3.71e-04	9.17e-05
564	4	0.04	-8.28e-04	-0.05	0.0	2.85e-04	7.78e-05
564	5	-5.08e-03	-5.93e-03	-0.04	0.0	3.28e-05	9.46e-05
564	6	-1.94e-03	-4.96e-03	-0.04	0.0	6.82e-05	8.86e-05
564	8	0.12	2.74e-03	2.30e-03	0.0	9.09e-04	1.04e-04
564	13	0.03	-2.19e-03	-0.02	0.0	2.16e-04	6.50e-05
564	14	0.03	-1.99e-03	-0.02	0.0	2.21e-04	6.41e-05
564	16	0.05	-4.63e-04	-0.01	0.0	3.56e-04	6.12e-05
564	21	0.03	-1.90e-03	0.01	0.0	2.86e-04	4.64e-05
564	22	0.04	-1.26e-03	-0.02	0.0	2.86e-04	6.52e-05
564	23	0.03	-1.90e-03	0.01	0.0	2.86e-04	4.64e-05
564	24	0.04	-1.33e-03	-0.02	0.0	2.86e-04	6.31e-05
565	1	0.05	-3.54e-03	0.02	0.0	3.76e-04	9.37e-05
565	2	0.07	1.83e-03	-0.04	0.0	3.36e-04	1.21e-04
565	4	0.05	2.65e-03	-0.05	0.0	2.49e-04	9.91e-05
565	6	3.21e-04	-1.16e-03	-0.04	0.0	4.17e-05	1.06e-04
565	8	0.15	2.12e-03	2.23e-03	0.0	9.05e-04	1.56e-04
565	9	0.02	-3.31e-03	-0.02	0.0	9.68e-05	1.16e-04
565	14	0.03	-3.43e-05	-0.02	0.0	2.01e-04	8.50e-05
565	16	0.06	6.01e-04	-0.01	0.0	3.41e-04	8.67e-05
565	20	0.05	7.10e-04	-0.02	0.0	2.99e-04	8.45e-05
565	21	0.04	-2.72e-03	0.01	0.0	2.89e-04	7.20e-05
565	22	0.05	5.00e-04	-0.02	0.0	2.65e-04	8.83e-05
565	23	0.04	-2.72e-03	0.01	0.0	2.89e-04	7.20e-05
565	24	0.05	1.42e-04	-0.02	0.0	2.68e-04	8.65e-05
566	2	0.08	5.12e-03	-0.04	0.0	3.01e-04	1.48e-04
566	4	0.06	6.20e-03	-0.05	0.0	2.19e-04	1.18e-04
566	6	1.45e-03	2.66e-03	-0.04	0.0	1.42e-05	1.23e-04
566	8	0.19	1.55e-03	2.16e-03	0.0	8.79e-04	2.08e-04
566	10	0.04	3.64e-03	-0.03	0.0	2.05e-04	1.05e-04
566	14	0.04	1.94e-03	-0.02	0.0	1.76e-04	1.05e-04
566	16	0.07	1.69e-03	-0.01	0.0	3.18e-04	1.12e-04
566	18	0.05	2.28e-03	-0.02	0.0	2.33e-04	1.05e-04
566	21	0.05	-3.58e-03	0.01	0.0	2.73e-04	9.89e-05
566	22	0.06	2.29e-03	-0.02	0.0	2.40e-04	1.10e-04
566	23	0.05	-3.58e-03	0.01	0.0	2.73e-04	9.89e-05
566	24	0.06	1.63e-03	-0.02	0.0	2.44e-04	1.09e-04
567	2	0.09	8.52e-03	-0.04	0.0	2.69e-04	1.73e-04
567	4	0.07	9.86e-03	-0.05	0.0	1.95e-04	1.35e-04
567	6	1.51e-03	6.52e-03	-0.04	0.0	-9.92e-06	1.38e-04
567	8	0.23	1.02e-03	2.12e-03	0.0	8.43e-04	2.58e-04
567	14	0.05	3.95e-03	-0.02	0.0	1.52e-04	1.24e-04
567	16	0.09	2.83e-03	-0.01	0.0	2.94e-04	1.35e-04
567	18	0.06	4.08e-03	-0.02	0.0	2.09e-04	1.25e-04
567	21	0.06	-4.48e-03	0.01	0.0	2.48e-04	1.25e-04
567	22	0.07	4.13e-03	-0.02	0.0	2.16e-04	1.31e-04
567	23	0.06	-4.48e-03	0.01	0.0	2.48e-04	1.25e-04
567	24	0.07	3.17e-03	-0.02	0.0	2.20e-04	1.30e-04
568	2	0.10	0.01	-0.04	0.0	2.45e-04	1.95e-04
568	4	0.08	0.01	-0.05	0.0	1.77e-04	1.50e-04
568	6	6.97e-04	0.01	-0.04	0.0	-2.81e-05	1.52e-04
568	8	0.26	5.29e-04	2.08e-03	0.0	8.07e-04	3.05e-04
568	14	0.05	6.04e-03	-0.02	0.0	1.32e-04	1.41e-04
568	16	0.10	4.02e-03	-0.01	0.0	2.73e-04	1.57e-04
568	22	0.08	6.04e-03	-0.02	0.0	1.96e-04	1.50e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
568	23	0.07	-5.41e-03	0.01	0.0	2.24e-04	1.50e-04
568	24	0.07	4.77e-03	-0.02	0.0	1.99e-04	1.50e-04
569	2	0.11	0.02	-0.04	0.0	2.29e-04	2.15e-04
569	4	0.09	0.02	-0.05	0.0	1.67e-04	1.63e-04
569	6	-7.06e-04	0.01	-0.04	0.0	-3.92e-05	1.64e-04
569	8	0.29	6.04e-05	2.06e-03	0.0	7.80e-04	3.49e-04
569	14	0.06	8.23e-03	-0.02	0.0	1.19e-04	1.56e-04
569	16	0.11	5.28e-03	-0.01	0.0	2.58e-04	1.77e-04
569	22	0.08	8.06e-03	-0.02	0.0	1.83e-04	1.67e-04
569	24	0.08	6.45e-03	-0.02	0.0	1.85e-04	1.68e-04
570	2	0.12	0.02	-0.04	0.0	2.23e-04	2.35e-04
570	4	0.09	0.02	-0.05	0.0	1.63e-04	1.77e-04
570	6	-2.41e-03	0.02	-0.04	0.0	-4.34e-05	1.76e-04
570	8	0.32	-3.92e-04	2.05e-03	0.0	7.70e-04	3.93e-04
570	14	0.06	0.01	-0.02	0.0	1.14e-04	1.72e-04
570	16	0.12	6.63e-03	-0.02	0.0	2.52e-04	1.97e-04
570	22	0.09	0.01	-0.02	0.0	1.78e-04	1.84e-04
570	24	0.09	8.24e-03	-0.02	0.0	1.80e-04	1.86e-04
571	2	0.13	0.02	-0.04	0.0	2.27e-04	2.45e-04
571	4	0.10	0.03	-0.05	0.0	1.67e-04	1.83e-04
571	6	-4.15e-03	0.02	-0.04	0.0	-4.25e-05	1.82e-04
571	8	0.35	-8.36e-04	2.06e-03	0.0	7.80e-04	4.14e-04
571	14	0.07	0.01	-0.02	0.0	1.16e-04	1.79e-04
571	16	0.13	8.08e-03	-0.02	0.0	2.56e-04	2.06e-04
571	22	0.10	0.01	-0.02	0.0	1.81e-04	1.92e-04
571	24	0.10	0.01	-0.02	0.0	1.83e-04	1.94e-04
572	2	0.02	-8.12e-03	-0.05	0.0	3.83e-04	4.15e-05
572	4	0.02	-7.96e-03	-0.05	0.0	3.40e-04	3.75e-05
572	5	-0.01	-0.01	-0.04	0.0	5.09e-05	5.88e-05
572	6	-0.01	-0.01	-0.05	0.0	7.22e-05	5.78e-05
572	8	0.05	4.18e-03	2.90e-03	0.0	7.37e-04	2.40e-05
572	13	6.15e-03	-6.26e-03	-0.03	0.0	1.93e-04	3.08e-05
572	14	6.29e-03	-6.21e-03	-0.03	0.0	1.97e-04	3.07e-05
572	16	0.02	-2.72e-03	-0.02	0.0	3.02e-04	2.14e-05
572	22	0.01	-4.99e-03	-0.03	0.0	2.61e-04	2.78e-05
572	24	0.01	-4.49e-03	-0.02	0.0	2.48e-04	2.61e-05
573	2	0.03	-4.80e-03	-0.05	0.0	3.64e-04	8.09e-05
573	4	0.03	-4.42e-03	-0.05	0.0	2.97e-04	7.12e-05
573	5	-0.01	-9.84e-03	-0.04	0.0	3.57e-05	8.13e-05
573	6	-8.29e-03	-9.20e-03	-0.05	0.0	6.70e-05	7.85e-05
573	8	0.08	3.44e-03	2.82e-03	0.0	8.16e-04	8.71e-05
573	13	0.01	-4.28e-03	-0.03	0.0	2.01e-04	5.50e-05
573	14	0.01	-4.15e-03	-0.03	0.0	2.06e-04	5.46e-05
573	16	0.03	-1.62e-03	-0.02	0.0	3.25e-04	5.11e-05
573	22	0.02	-3.16e-03	-0.03	0.0	2.68e-04	5.56e-05
573	24	0.02	-2.95e-03	-0.02	0.0	2.63e-04	5.31e-05
574	1	0.03	-2.69e-03	0.02	0.0	3.34e-04	7.85e-05
574	2	0.05	-1.49e-03	-0.05	0.0	3.35e-04	1.19e-04
574	4	0.04	-8.72e-04	-0.05	0.0	2.58e-04	1.01e-04
574	5	-9.26e-03	-6.21e-03	-0.04	0.0	9.66e-06	1.05e-04
574	6	-5.88e-03	-5.20e-03	-0.05	0.0	4.77e-05	9.96e-05
574	8	0.11	2.75e-03	2.74e-03	0.0	8.45e-04	1.55e-04
574	13	0.02	-2.33e-03	-0.03	0.0	1.91e-04	8.10e-05
574	14	0.02	-2.11e-03	-0.03	0.0	1.96e-04	8.03e-05
574	16	0.04	-5.34e-04	-0.02	0.0	3.25e-04	8.32e-05
574	21	0.02	-2.07e-03	0.01	0.0	2.57e-04	6.04e-05
574	22	0.03	-1.35e-03	-0.03	0.0	2.58e-04	8.48e-05
574	23	0.02	-2.07e-03	0.01	0.0	2.57e-04	6.04e-05
574	24	0.03	-1.43e-03	-0.02	0.0	2.58e-04	8.21e-05
575	1	0.05	-3.79e-03	0.02	0.0	3.35e-04	1.21e-04
575	2	0.06	1.84e-03	-0.05	0.0	3.02e-04	1.56e-04
575	4	0.05	2.72e-03	-0.05	0.0	2.25e-04	1.28e-04
575	6	-4.43e-03	-1.24e-03	-0.05	0.0	2.23e-05	1.20e-04
575	8	0.15	2.12e-03	2.67e-03	0.0	8.41e-04	2.26e-04
575	9	0.02	-3.56e-03	-0.02	0.0	6.47e-05	1.33e-04
575	14	0.03	-8.96e-05	-0.03	0.0	1.77e-04	1.06e-04
575	16	0.06	5.65e-04	-0.02	0.0	3.11e-04	1.16e-04
575	20	0.05	6.85e-04	-0.02	0.0	2.71e-04	1.11e-04
575	21	0.04	-2.91e-03	0.01	0.0	2.58e-04	9.29e-05
575	22	0.04	4.64e-04	-0.03	0.0	2.38e-04	1.14e-04
575	23	0.04	-2.91e-03	0.01	0.0	2.58e-04	9.29e-05
575	24	0.04	8.84e-05	-0.02	0.0	2.40e-04	1.12e-04
576	2	0.07	5.24e-03	-0.05	0.0	2.70e-04	1.90e-04
576	4	0.06	6.38e-03	-0.05	0.0	1.98e-04	1.52e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
576	6	-4.06e-03	2.72e-03	-0.05	0.0	-3.46e-06	1.39e-04
576	8	0.18	1.53e-03	2.62e-03	0.0	8.16e-04	2.96e-04
576	10	0.04	3.75e-03	-0.03	0.0	1.83e-04	1.33e-04
576	14	0.04	1.95e-03	-0.03	0.0	1.53e-04	1.31e-04
576	16	0.07	1.69e-03	-0.02	0.0	2.89e-04	1.48e-04
576	18	0.05	2.31e-03	-0.02	0.0	2.09e-04	1.35e-04
576	21	0.05	-3.79e-03	0.01	0.0	2.41e-04	1.27e-04
576	22	0.05	2.31e-03	-0.03	0.0	2.15e-04	1.42e-04
576	23	0.05	-3.79e-03	0.01	0.0	2.41e-04	1.27e-04
576	24	0.05	1.63e-03	-0.02	0.0	2.18e-04	1.40e-04
577	2	0.08	8.74e-03	-0.05	0.0	2.42e-04	2.21e-04
577	4	0.06	0.01	-0.05	0.0	1.76e-04	1.73e-04
577	6	-4.68e-03	6.74e-03	-0.05	0.0	-2.56e-05	1.56e-04
577	8	0.21	9.78e-04	2.58e-03	0.0	7.84e-04	3.63e-04
577	14	0.04	4.04e-03	-0.03	0.0	1.31e-04	1.54e-04
577	16	0.08	2.86e-03	-0.02	0.0	2.67e-04	1.78e-04
577	18	0.06	4.18e-03	-0.02	0.0	1.87e-04	1.60e-04
577	21	0.05	-4.71e-03	0.01	0.0	2.18e-04	1.59e-04
577	22	0.06	4.21e-03	-0.03	0.0	1.93e-04	1.68e-04
577	23	0.05	-4.71e-03	0.01	0.0	2.18e-04	1.59e-04
577	24	0.06	3.22e-03	-0.02	0.0	1.96e-04	1.67e-04
578	2	0.09	0.01	-0.05	0.0	2.20e-04	2.49e-04
578	4	0.07	0.01	-0.05	0.0	1.61e-04	1.92e-04
578	6	-6.09e-03	0.01	-0.05	0.0	-4.20e-05	1.71e-04
578	8	0.24	4.65e-04	2.55e-03	0.0	7.51e-04	4.27e-04
578	14	0.05	6.20e-03	-0.03	0.0	1.13e-04	1.74e-04
578	16	0.09	4.09e-03	-0.02	0.0	2.48e-04	2.06e-04
578	22	0.07	6.18e-03	-0.03	0.0	1.75e-04	1.91e-04
578	23	0.06	-5.66e-03	0.01	0.0	1.96e-04	1.90e-04
578	24	0.07	4.87e-03	-0.02	0.0	1.77e-04	1.91e-04
579	2	0.10	0.02	-0.05	0.0	2.06e-04	2.74e-04
579	4	0.08	0.02	-0.05	0.0	1.52e-04	2.09e-04
579	6	-8.02e-03	0.02	-0.05	0.0	-5.18e-05	1.84e-04
579	8	0.27	-2.40e-05	2.53e-03	0.0	7.27e-04	4.87e-04
579	14	0.05	8.45e-03	-0.03	0.0	1.02e-04	1.93e-04
579	16	0.10	5.38e-03	-0.02	0.0	2.35e-04	2.32e-04
579	22	0.07	8.25e-03	-0.03	0.0	1.63e-04	2.13e-04
579	23	0.07	-6.64e-03	0.01	0.0	1.81e-04	2.18e-04
579	24	0.07	6.59e-03	-0.02	0.0	1.65e-04	2.13e-04
580	2	0.11	0.02	-0.05	0.0	2.01e-04	2.99e-04
580	4	0.08	0.02	-0.05	0.0	1.48e-04	2.25e-04
580	6	-0.01	0.02	-0.05	0.0	-5.54e-05	1.96e-04
580	8	0.30	-4.98e-04	2.53e-03	0.0	7.18e-04	5.48e-04
580	14	0.06	0.01	-0.03	0.0	9.77e-05	2.11e-04
580	16	0.11	6.75e-03	-0.02	0.0	2.30e-04	2.57e-04
580	22	0.08	0.01	-0.03	0.0	1.59e-04	2.34e-04
580	24	0.08	8.42e-03	-0.02	0.0	1.60e-04	2.35e-04
581	2	0.11	0.02	-0.05	0.0	2.04e-04	3.11e-04
581	4	0.09	0.03	-0.05	0.0	1.51e-04	2.33e-04
581	6	-0.01	0.02	-0.05	0.0	-5.49e-05	2.02e-04
581	8	0.33	-9.67e-04	2.54e-03	0.0	7.27e-04	5.76e-04
581	14	0.06	0.01	-0.03	0.0	9.94e-05	2.20e-04
581	16	0.12	8.22e-03	-0.02	0.0	2.33e-04	2.69e-04
581	22	0.09	0.01	-0.03	0.0	1.61e-04	2.44e-04
581	24	0.09	0.01	-0.02	0.0	1.63e-04	2.46e-04
582	2	0.02	-8.38e-03	-0.05	0.0	3.40e-04	5.08e-05
582	4	0.01	-8.18e-03	-0.06	0.0	3.02e-04	4.59e-05
582	5	-0.01	-0.01	-0.05	0.0	2.82e-05	6.27e-05
582	6	-0.01	-0.01	-0.05	0.0	5.07e-05	6.22e-05
582	8	0.05	4.19e-03	3.34e-03	0.0	6.70e-04	3.89e-05
582	13	4.78e-03	-6.50e-03	-0.03	0.0	1.68e-04	3.61e-05
582	14	4.92e-03	-6.45e-03	-0.03	0.0	1.72e-04	3.60e-05
582	16	0.02	-2.85e-03	-0.02	0.0	2.71e-04	2.82e-05
582	22	0.01	-5.18e-03	-0.03	0.0	2.31e-04	3.41e-05
582	24	0.01	-4.68e-03	-0.02	0.0	2.20e-04	3.21e-05
583	2	0.03	-4.99e-03	-0.05	0.0	3.20e-04	9.79e-05
583	4	0.02	-4.56e-03	-0.06	0.0	2.61e-04	8.60e-05
583	5	-0.01	-0.01	-0.05	0.0	1.04e-05	8.74e-05
583	6	-0.01	-9.55e-03	-0.05	0.0	4.35e-05	8.58e-05
583	8	0.07	3.44e-03	3.26e-03	0.0	7.38e-04	1.17e-04
583	13	0.01	-4.46e-03	-0.03	0.0	1.72e-04	6.48e-05
583	14	0.01	-4.33e-03	-0.03	0.0	1.77e-04	6.46e-05
583	16	0.03	-1.73e-03	-0.02	0.0	2.89e-04	6.42e-05
583	22	0.02	-3.31e-03	-0.03	0.0	2.35e-04	6.76e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
583	24	0.02	-3.10e-03	-0.02	0.0	2.31e-04	6.45e-05
584	1	0.03	-2.91e-03	0.02	0.0	2.88e-04	9.58e-05
584	2	0.04	-1.60e-03	-0.05	0.0	2.92e-04	1.43e-04
584	4	0.03	-9.30e-04	-0.06	0.0	2.26e-04	1.21e-04
584	5	-0.01	-6.48e-03	-0.05	0.0	-1.56e-05	1.13e-04
584	6	-0.01	-5.43e-03	-0.05	0.0	2.44e-05	1.09e-04
584	8	0.10	2.73e-03	3.20e-03	0.0	7.63e-04	2.01e-04
584	13	0.02	-2.46e-03	-0.03	0.0	1.61e-04	9.51e-05
584	14	0.02	-2.24e-03	-0.03	0.0	1.67e-04	9.47e-05
584	16	0.04	-6.15e-04	-0.02	0.0	2.87e-04	1.03e-04
584	21	0.02	-2.24e-03	0.02	0.0	2.21e-04	7.37e-05
584	22	0.03	-1.45e-03	-0.03	0.0	2.24e-04	1.02e-04
584	23	0.02	-2.24e-03	0.02	0.0	2.21e-04	7.37e-05
584	24	0.03	-1.54e-03	-0.02	0.0	2.24e-04	9.89e-05
585	1	0.04	-4.03e-03	0.02	0.0	2.85e-04	1.46e-04
585	2	0.05	1.82e-03	-0.05	0.0	2.62e-04	1.86e-04
585	4	0.04	2.75e-03	-0.06	0.0	1.96e-04	1.53e-04
585	6	-9.74e-03	-1.34e-03	-0.05	0.0	0.0	1.32e-04
585	8	0.14	2.08e-03	3.14e-03	0.0	7.58e-04	2.88e-04
585	9	9.36e-03	-3.82e-03	-0.02	0.0	3.02e-05	1.45e-04
585	14	0.03	-1.58e-04	-0.03	0.0	1.48e-04	1.25e-04
585	16	0.05	5.11e-04	-0.02	0.0	2.73e-04	1.42e-04
585	20	0.04	6.42e-04	-0.02	0.0	2.37e-04	1.35e-04
585	21	0.03	-3.10e-03	0.02	0.0	2.20e-04	1.12e-04
585	22	0.04	4.10e-04	-0.03	0.0	2.06e-04	1.36e-04
585	23	0.03	-3.10e-03	0.02	0.0	2.20e-04	1.12e-04
585	24	0.04	2.02e-05	-0.02	0.0	2.07e-04	1.34e-04
586	2	0.06	5.31e-03	-0.05	0.0	2.33e-04	2.26e-04
586	4	0.05	6.51e-03	-0.06	0.0	1.72e-04	1.80e-04
586	6	-0.01	2.76e-03	-0.05	0.0	-2.27e-05	1.52e-04
586	8	0.17	1.47e-03	3.10e-03	0.0	7.36e-04	3.74e-04
586	10	0.03	3.83e-03	-0.03	0.0	1.57e-04	1.59e-04
586	14	0.03	1.95e-03	-0.03	0.0	1.27e-04	1.53e-04
586	16	0.06	1.67e-03	-0.02	0.0	2.54e-04	1.80e-04
586	18	0.04	2.32e-03	-0.03	0.0	1.79e-04	1.61e-04
586	21	0.04	-4.00e-03	0.02	0.0	2.03e-04	1.51e-04
586	22	0.05	2.30e-03	-0.03	0.0	1.85e-04	1.69e-04
586	23	0.04	-4.00e-03	0.02	0.0	2.03e-04	1.51e-04
586	24	0.05	1.60e-03	-0.02	0.0	1.87e-04	1.67e-04
587	2	0.07	8.90e-03	-0.05	0.0	2.09e-04	2.61e-04
587	4	0.06	0.01	-0.06	0.0	1.54e-04	2.05e-04
587	6	-0.01	6.91e-03	-0.05	0.0	-4.23e-05	1.70e-04
587	8	0.19	9.10e-04	3.07e-03	0.0	7.07e-04	4.57e-04
587	14	0.04	4.09e-03	-0.03	0.0	1.07e-04	1.78e-04
587	16	0.07	2.87e-03	-0.02	0.0	2.34e-04	2.15e-04
587	18	0.05	4.24e-03	-0.03	0.0	1.60e-04	1.90e-04
587	21	0.05	-4.93e-03	0.02	0.0	1.82e-04	1.89e-04
587	22	0.05	4.25e-03	-0.03	0.0	1.65e-04	1.98e-04
587	23	0.05	-4.93e-03	0.02	0.0	1.82e-04	1.89e-04
587	24	0.05	3.23e-03	-0.02	0.0	1.67e-04	1.97e-04
588	2	0.08	0.01	-0.05	0.0	1.90e-04	2.93e-04
588	4	0.06	0.01	-0.06	0.0	1.41e-04	2.26e-04
588	6	-0.01	0.01	-0.05	0.0	-5.63e-05	1.85e-04
588	8	0.22	3.82e-04	3.05e-03	0.0	6.79e-04	5.35e-04
588	14	0.04	6.31e-03	-0.03	0.0	9.20e-05	2.01e-04
588	16	0.08	4.12e-03	-0.02	0.0	2.18e-04	2.47e-04
588	22	0.06	6.27e-03	-0.03	0.0	1.50e-04	2.25e-04
588	23	0.05	-5.90e-03	0.02	0.0	1.63e-04	2.24e-04
588	24	0.06	4.92e-03	-0.02	0.0	1.52e-04	2.25e-04
589	2	0.09	0.02	-0.05	0.0	1.79e-04	3.22e-04
589	4	0.07	0.02	-0.06	0.0	1.34e-04	2.45e-04
589	6	-0.02	0.02	-0.05	0.0	-6.44e-05	1.97e-04
589	8	0.25	-1.20e-04	3.03e-03	0.0	6.59e-04	6.08e-04
589	14	0.04	8.61e-03	-0.03	0.0	8.24e-05	2.22e-04
589	16	0.09	5.44e-03	-0.02	0.0	2.07e-04	2.77e-04
589	22	0.06	8.38e-03	-0.03	0.0	1.40e-04	2.49e-04
589	23	0.06	-6.89e-03	0.02	0.0	1.50e-04	2.56e-04
589	24	0.06	6.69e-03	-0.02	0.0	1.41e-04	2.50e-04
590	2	0.09	0.02	-0.05	0.0	1.74e-04	3.50e-04
590	4	0.07	0.02	-0.06	0.0	1.31e-04	2.64e-04
590	6	-0.02	0.02	-0.05	0.0	-6.75e-05	2.10e-04
590	8	0.28	-6.11e-04	3.03e-03	0.0	6.51e-04	6.82e-04
590	14	0.05	0.01	-0.03	0.0	7.88e-05	2.42e-04
590	16	0.10	6.83e-03	-0.02	0.0	2.03e-04	3.07e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
590	22	0.07	0.01	-0.03	0.0	1.36e-04	2.73e-04
590	24	0.07	8.54e-03	-0.02	0.0	1.37e-04	2.75e-04
591	2	0.10	0.02	-0.05	0.0	1.77e-04	3.63e-04
591	4	0.08	0.03	-0.06	0.0	1.33e-04	2.73e-04
591	6	-0.02	0.02	-0.05	0.0	-6.74e-05	2.15e-04
591	8	0.30	-1.10e-03	3.04e-03	0.0	6.58e-04	7.17e-04
591	14	0.05	0.01	-0.03	0.0	7.99e-05	2.51e-04
591	16	0.10	8.31e-03	-0.02	0.0	2.05e-04	3.20e-04
591	22	0.08	0.01	-0.03	0.0	1.38e-04	2.84e-04
591	24	0.08	0.01	-0.02	0.0	1.39e-04	2.86e-04
592	2	0.01	-8.62e-03	-0.06	0.0	2.90e-04	5.91e-05
592	4	0.01	-8.38e-03	-0.06	0.0	2.58e-04	5.33e-05
592	5	-0.02	-0.01	-0.05	0.0	3.45e-06	6.59e-05
592	6	-0.02	-0.01	-0.06	0.0	2.66e-05	6.65e-05
592	8	0.04	4.17e-03	3.80e-03	0.0	5.90e-04	5.21e-05
592	13	3.20e-03	-6.71e-03	-0.03	0.0	1.39e-04	4.08e-05
592	14	3.33e-03	-6.67e-03	-0.03	0.0	1.43e-04	4.09e-05
592	16	0.01	-2.98e-03	-0.02	0.0	2.34e-04	3.42e-05
592	22	9.01e-03	-5.35e-03	-0.03	0.0	1.97e-04	3.97e-05
592	24	8.62e-03	-4.84e-03	-0.03	0.0	1.87e-04	3.75e-05
593	2	0.02	-5.17e-03	-0.06	0.0	2.69e-04	1.12e-04
593	4	0.02	-4.70e-03	-0.06	0.0	2.21e-04	9.78e-05
593	5	-0.02	-0.01	-0.05	0.0	-1.66e-05	9.19e-05
593	6	-0.02	-9.86e-03	-0.06	0.0	1.75e-05	9.22e-05
593	8	0.07	3.40e-03	3.74e-03	0.0	6.46e-04	1.43e-04
593	13	8.94e-03	-4.64e-03	-0.03	0.0	1.39e-04	7.29e-05
593	14	9.25e-03	-4.50e-03	-0.03	0.0	1.44e-04	7.30e-05
593	16	0.02	-1.84e-03	-0.02	0.0	2.47e-04	7.53e-05
593	22	0.02	-3.45e-03	-0.03	0.0	1.97e-04	7.75e-05
593	24	0.02	-3.24e-03	-0.03	0.0	1.93e-04	7.41e-05
594	1	0.02	-3.11e-03	0.02	0.0	2.34e-04	1.11e-04
594	2	0.03	-1.72e-03	-0.06	0.0	2.44e-04	1.62e-04
594	4	0.03	-1.01e-03	-0.06	0.0	1.90e-04	1.36e-04
594	5	-0.02	-6.72e-03	-0.05	0.0	-4.16e-05	1.17e-04
594	6	-0.02	-5.63e-03	-0.06	0.0	0.0	1.17e-04
594	8	0.10	2.68e-03	3.68e-03	0.0	6.65e-04	2.40e-04
594	13	0.01	-2.60e-03	-0.03	0.0	1.27e-04	1.06e-04
594	14	0.01	-2.37e-03	-0.03	0.0	1.33e-04	1.06e-04
594	16	0.03	-7.07e-04	-0.02	0.0	2.43e-04	1.19e-04
594	21	0.02	-2.40e-03	0.02	0.0	1.80e-04	8.53e-05
594	22	0.02	-1.56e-03	-0.03	0.0	1.86e-04	1.16e-04
594	23	0.02	-2.40e-03	0.02	0.0	1.80e-04	8.53e-05
594	24	0.02	-1.65e-03	-0.03	0.0	1.85e-04	1.12e-04
595	1	0.03	-4.26e-03	0.02	0.0	2.29e-04	1.66e-04
595	2	0.04	1.76e-03	-0.06	0.0	2.17e-04	2.09e-04
595	4	0.04	2.75e-03	-0.06	0.0	1.64e-04	1.70e-04
595	6	-0.02	-1.44e-03	-0.06	0.0	-2.22e-05	1.41e-04
595	8	0.12	2.01e-03	3.64e-03	0.0	6.60e-04	3.40e-04
595	9	3.13e-03	-4.07e-03	-0.03	0.0	-3.99e-06	1.48e-04
595	14	0.02	-2.42e-04	-0.03	0.0	1.16e-04	1.39e-04
595	16	0.04	4.39e-04	-0.02	0.0	2.30e-04	1.62e-04
595	17	0.03	-7.08e-04	-0.03	0.0	1.41e-04	1.47e-04
595	21	0.03	-3.28e-03	0.02	0.0	1.76e-04	1.28e-04
595	22	0.03	3.37e-04	-0.03	0.0	1.69e-04	1.53e-04
595	23	0.03	-3.28e-03	0.02	0.0	1.76e-04	1.28e-04
595	24	0.03	-6.42e-05	-0.03	0.0	1.70e-04	1.51e-04
596	2	0.05	5.32e-03	-0.06	0.0	1.93e-04	2.51e-04
596	4	0.04	6.58e-03	-0.06	0.0	1.45e-04	2.00e-04
596	6	-0.02	2.77e-03	-0.06	0.0	-4.23e-05	1.61e-04
596	8	0.15	1.39e-03	3.60e-03	0.0	6.42e-04	4.38e-04
596	10	0.03	3.88e-03	-0.04	0.0	1.27e-04	1.79e-04
596	14	0.02	1.91e-03	-0.03	0.0	9.77e-05	1.69e-04
596	16	0.05	1.62e-03	-0.02	0.0	2.14e-04	2.04e-04
596	18	0.04	2.30e-03	-0.03	0.0	1.47e-04	1.81e-04
596	21	0.03	-4.20e-03	0.02	0.0	1.61e-04	1.70e-04
596	22	0.04	2.27e-03	-0.03	0.0	1.51e-04	1.88e-04
596	23	0.03	-4.20e-03	0.02	0.0	1.61e-04	1.70e-04
596	24	0.04	1.55e-03	-0.03	0.0	1.52e-04	1.86e-04
597	2	0.06	8.99e-03	-0.06	0.0	1.73e-04	2.89e-04
597	4	0.05	0.01	-0.06	0.0	1.30e-04	2.26e-04
597	6	-0.02	7.02e-03	-0.06	0.0	-5.86e-05	1.78e-04
597	8	0.17	8.18e-04	3.58e-03	0.0	6.18e-04	5.33e-04
597	14	0.03	4.11e-03	-0.03	0.0	8.14e-05	1.96e-04
597	16	0.06	2.84e-03	-0.02	0.0	1.98e-04	2.42e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
597	18	0.04	4.27e-03	-0.03	0.0	1.30e-04	2.12e-04
597	21	0.04	-5.15e-03	0.02	0.0	1.43e-04	2.11e-04
597	22	0.04	4.26e-03	-0.03	0.0	1.35e-04	2.20e-04
597	23	0.04	-5.15e-03	0.02	0.0	1.43e-04	2.11e-04
597	24	0.04	3.21e-03	-0.03	0.0	1.36e-04	2.19e-04
598	2	0.07	0.01	-0.06	0.0	1.58e-04	3.23e-04
598	4	0.05	0.01	-0.06	0.0	1.20e-04	2.48e-04
598	6	-0.02	0.01	-0.06	0.0	-6.99e-05	1.92e-04
598	8	0.20	2.82e-04	3.56e-03	0.0	5.95e-04	6.21e-04
598	14	0.03	6.37e-03	-0.03	0.0	6.92e-05	2.19e-04
598	16	0.07	4.12e-03	-0.02	0.0	1.84e-04	2.77e-04
598	22	0.05	6.32e-03	-0.03	0.0	1.23e-04	2.48e-04
598	23	0.04	-6.13e-03	0.02	0.0	1.27e-04	2.48e-04
598	24	0.05	4.94e-03	-0.03	0.0	1.23e-04	2.48e-04
599	2	0.07	0.02	-0.06	0.0	1.49e-04	3.53e-04
599	4	0.06	0.02	-0.06	0.0	1.14e-04	2.69e-04
599	6	-0.02	0.02	-0.06	0.0	-7.62e-05	2.03e-04
599	8	0.22	-2.28e-04	3.55e-03	0.0	5.78e-04	7.05e-04
599	14	0.03	8.72e-03	-0.03	0.0	6.17e-05	2.40e-04
599	16	0.08	5.45e-03	-0.02	0.0	1.76e-04	3.10e-04
599	22	0.05	8.46e-03	-0.03	0.0	1.15e-04	2.74e-04
599	23	0.05	-7.13e-03	0.02	0.0	1.17e-04	2.82e-04
599	24	0.05	6.73e-03	-0.03	0.0	1.15e-04	2.75e-04
600	2	0.08	0.02	-0.06	0.0	1.46e-04	3.83e-04
600	4	0.06	0.02	-0.06	0.0	1.12e-04	2.88e-04
600	6	-0.03	0.02	-0.06	0.0	-7.86e-05	2.14e-04
600	8	0.24	-7.28e-04	3.55e-03	0.0	5.72e-04	7.90e-04
600	14	0.04	0.01	-0.03	0.0	5.88e-05	2.61e-04
600	16	0.08	6.86e-03	-0.02	0.0	1.72e-04	3.41e-04
600	22	0.06	0.01	-0.03	0.0	1.12e-04	2.99e-04
600	24	0.06	8.61e-03	-0.03	0.0	1.12e-04	3.01e-04
601	2	0.08	0.03	-0.06	0.0	1.46e-04	3.97e-04
601	4	0.07	0.03	-0.06	0.0	1.12e-04	2.98e-04
601	6	-0.03	0.03	-0.06	0.0	-7.91e-05	2.19e-04
601	8	0.27	-1.23e-03	3.56e-03	0.0	5.78e-04	8.30e-04
601	14	0.04	0.01	-0.03	0.0	5.90e-05	2.70e-04
601	16	0.09	8.34e-03	-0.02	0.0	1.73e-04	3.56e-04
601	22	0.06	0.01	-0.03	0.0	1.13e-04	3.11e-04
601	24	0.06	0.01	-0.03	0.0	1.13e-04	3.13e-04
602	2	0.01	-8.83e-03	-0.06	0.0	2.35e-04	6.55e-05
602	4	8.91e-03	-8.56e-03	-0.07	0.0	2.10e-04	5.90e-05
602	5	-0.02	-0.01	-0.06	0.0	-2.23e-05	6.80e-05
602	6	-0.02	-0.01	-0.06	0.0	0.0	7.02e-05
602	8	0.04	4.12e-03	4.29e-03	0.0	4.99e-04	6.25e-05
602	13	1.43e-03	-6.89e-03	-0.03	0.0	1.07e-04	4.45e-05
602	14	1.55e-03	-6.85e-03	-0.03	0.0	1.11e-04	4.48e-05
602	16	0.01	-3.09e-03	-0.02	0.0	1.94e-04	3.89e-05
602	22	7.25e-03	-5.50e-03	-0.03	0.0	1.59e-04	4.41e-05
602	24	6.98e-03	-4.99e-03	-0.03	0.0	1.51e-04	4.17e-05
603	2	0.02	-5.35e-03	-0.06	0.0	2.15e-04	1.21e-04
603	4	0.02	-4.84e-03	-0.07	0.0	1.77e-04	1.06e-04
603	5	-0.02	-0.01	-0.06	0.0	-4.35e-05	9.37e-05
603	6	-0.02	-0.01	-0.06	0.0	-9.79e-06	9.69e-05
603	8	0.06	3.33e-03	4.24e-03	0.0	5.43e-04	1.62e-04
603	13	5.76e-03	-4.80e-03	-0.03	0.0	1.04e-04	7.84e-05
603	14	6.07e-03	-4.66e-03	-0.03	0.0	1.09e-04	7.89e-05
603	16	0.02	-1.95e-03	-0.02	0.0	2.01e-04	8.32e-05
603	22	0.01	-3.58e-03	-0.03	0.0	1.56e-04	8.43e-05
603	24	0.01	-3.37e-03	-0.03	0.0	1.52e-04	8.08e-05
604	1	0.02	-3.31e-03	0.02	0.0	1.76e-04	1.22e-04
604	2	0.03	-1.86e-03	-0.06	0.0	1.92e-04	1.73e-04
604	4	0.02	-1.10e-03	-0.07	0.0	1.51e-04	1.45e-04
604	5	-0.02	-6.95e-03	-0.06	0.0	-6.64e-05	1.18e-04
604	6	-0.02	-5.83e-03	-0.06	0.0	-2.65e-05	1.22e-04
604	8	0.08	2.59e-03	4.19e-03	0.0	5.57e-04	2.68e-04
604	13	9.73e-03	-2.74e-03	-0.03	0.0	9.19e-05	1.13e-04
604	14	0.01	-2.50e-03	-0.03	0.0	9.79e-05	1.13e-04
604	16	0.03	-8.12e-04	-0.02	0.0	1.96e-04	1.29e-04
604	21	0.01	-2.55e-03	0.02	0.0	1.36e-04	9.36e-05
604	22	0.02	-1.68e-03	-0.03	0.0	1.45e-04	1.24e-04
604	23	0.01	-2.55e-03	0.02	0.0	1.36e-04	9.36e-05
604	24	0.02	-1.78e-03	-0.03	0.0	1.44e-04	1.21e-04
605	1	0.03	-4.49e-03	0.02	0.0	1.69e-04	1.79e-04
605	2	0.03	1.68e-03	-0.06	0.0	1.70e-04	2.21e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
605	4	0.03	2.71e-03	-0.07	0.0	1.31e-04	1.79e-04
605	6	-0.02	-1.55e-03	-0.06	0.0	-4.46e-05	1.45e-04
605	8	0.11	1.91e-03	4.16e-03	0.0	5.52e-04	3.76e-04
605	9	-2.99e-03	-4.34e-03	-0.03	0.0	-3.44e-05	1.38e-04
605	14	0.01	-3.41e-04	-0.03	0.0	8.31e-05	1.46e-04
605	16	0.04	3.46e-04	-0.02	0.0	1.85e-04	1.75e-04
605	17	0.02	-8.29e-04	-0.03	0.0	1.04e-04	1.54e-04
605	21	0.02	-3.45e-03	0.02	0.0	1.30e-04	1.38e-04
605	22	0.03	2.45e-04	-0.03	0.0	1.31e-04	1.63e-04
605	23	0.02	-3.45e-03	0.02	0.0	1.30e-04	1.38e-04
605	24	0.02	-1.66e-04	-0.03	0.0	1.31e-04	1.60e-04
606	2	0.04	5.29e-03	-0.06	0.0	1.51e-04	2.63e-04
606	4	0.03	6.61e-03	-0.07	0.0	1.16e-04	2.09e-04
606	6	-0.02	2.74e-03	-0.06	0.0	-6.07e-05	1.64e-04
606	8	0.13	1.28e-03	4.13e-03	0.0	5.37e-04	4.83e-04
606	10	0.02	3.89e-03	-0.04	0.0	9.47e-05	1.93e-04
606	14	0.02	1.85e-03	-0.03	0.0	6.83e-05	1.76e-04
606	16	0.04	1.54e-03	-0.02	0.0	1.71e-04	2.18e-04
606	18	0.03	2.25e-03	-0.03	0.0	1.12e-04	1.92e-04
606	21	0.03	-4.40e-03	0.02	0.0	1.17e-04	1.81e-04
606	22	0.03	2.21e-03	-0.03	0.0	1.16e-04	1.98e-04
606	23	0.03	-4.40e-03	0.02	0.0	1.17e-04	1.81e-04
606	24	0.03	1.48e-03	-0.03	0.0	1.16e-04	1.96e-04
607	2	0.05	9.02e-03	-0.06	0.0	1.36e-04	3.01e-04
607	4	0.04	0.01	-0.07	0.0	1.05e-04	2.34e-04
607	6	-0.03	7.08e-03	-0.06	0.0	-7.32e-05	1.79e-04
607	8	0.15	7.01e-04	4.11e-03	0.0	5.18e-04	5.84e-04
607	14	0.02	4.09e-03	-0.03	0.0	5.57e-05	2.02e-04
607	16	0.05	2.78e-03	-0.02	0.0	1.59e-04	2.57e-04
607	18	0.03	4.26e-03	-0.03	0.0	9.97e-05	2.24e-04
607	21	0.03	-5.36e-03	0.02	0.0	1.03e-04	2.22e-04
607	22	0.03	4.23e-03	-0.03	0.0	1.04e-04	2.29e-04
607	23	0.03	-5.36e-03	0.02	0.0	1.03e-04	2.22e-04
607	24	0.03	3.16e-03	-0.03	0.0	1.04e-04	2.29e-04
608	2	0.05	0.01	-0.06	0.0	1.25e-04	3.34e-04
608	4	0.04	0.01	-0.07	0.0	9.82e-05	2.57e-04
608	6	-0.03	0.01	-0.06	0.0	-8.14e-05	1.90e-04
608	8	0.17	1.64e-04	4.10e-03	0.0	5.02e-04	6.80e-04
608	14	0.02	6.39e-03	-0.03	0.0	4.68e-05	2.25e-04
608	16	0.06	4.08e-03	-0.02	0.0	1.49e-04	2.92e-04
608	21	0.03	-6.35e-03	0.02	0.0	9.09e-05	2.58e-04
608	22	0.04	6.32e-03	-0.03	0.0	9.53e-05	2.57e-04
608	23	0.03	-6.35e-03	0.02	0.0	9.09e-05	2.58e-04
608	24	0.04	4.91e-03	-0.03	0.0	9.48e-05	2.57e-04
609	2	0.06	0.02	-0.06	0.0	1.19e-04	3.64e-04
609	4	0.05	0.02	-0.07	0.0	9.42e-05	2.76e-04
609	6	-0.03	0.02	-0.06	0.0	-8.58e-05	1.99e-04
609	8	0.19	-3.46e-04	4.09e-03	0.0	4.90e-04	7.70e-04
609	14	0.02	8.77e-03	-0.03	0.0	4.15e-05	2.44e-04
609	16	0.06	5.43e-03	-0.02	0.0	1.43e-04	3.25e-04
609	22	0.04	8.49e-03	-0.03	0.0	8.99e-05	2.82e-04
609	23	0.04	-7.36e-03	0.02	0.0	8.35e-05	2.91e-04
609	24	0.04	6.73e-03	-0.03	0.0	8.92e-05	2.83e-04
610	2	0.06	0.02	-0.06	0.0	1.16e-04	3.93e-04
610	4	0.05	0.02	-0.07	0.0	9.22e-05	2.96e-04
610	6	-0.04	0.02	-0.06	0.0	-8.77e-05	2.07e-04
610	8	0.21	-8.47e-04	4.09e-03	0.0	4.85e-04	8.61e-04
610	14	0.02	0.01	-0.03	0.0	3.91e-05	2.64e-04
610	16	0.07	6.86e-03	-0.02	0.0	1.40e-04	3.57e-04
610	22	0.05	0.01	-0.03	0.0	8.74e-05	3.07e-04
610	24	0.05	8.63e-03	-0.03	0.0	8.66e-05	3.09e-04
611	2	0.07	0.03	-0.06	0.0	1.15e-04	4.06e-04
611	4	0.05	0.03	-0.07	0.0	9.14e-05	3.05e-04
611	6	-0.04	0.03	-0.06	0.0	-8.92e-05	2.10e-04
611	8	0.23	-1.36e-03	4.10e-03	0.0	4.87e-04	9.04e-04
611	14	0.03	0.01	-0.03	0.0	3.80e-05	2.73e-04
611	16	0.07	8.34e-03	-0.02	0.0	1.40e-04	3.72e-04
611	22	0.05	0.01	-0.03	0.0	8.65e-05	3.18e-04
611	24	0.05	0.01	-0.03	0.0	8.57e-05	3.21e-04
612	2	7.43e-03	-9.02e-03	-0.07	0.0	1.78e-04	6.89e-05
612	4	6.23e-03	-8.72e-03	-0.07	0.0	1.61e-04	6.20e-05
612	5	-0.02	-0.01	-0.06	0.0	-4.73e-05	6.81e-05
612	6	-0.02	-0.01	-0.07	0.0	-2.58e-05	7.27e-05
612	8	0.04	4.05e-03	4.83e-03	0.0	4.02e-04	6.87e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
612	13	-4.76e-04	-7.04e-03	-0.04	0.0	7.44e-05	4.62e-05
612	14	-3.70e-04	-7.00e-03	-0.04	0.0	7.77e-05	4.69e-05
612	16	0.01	-3.19e-03	-0.02	0.0	1.51e-04	4.12e-05
612	22	5.34e-03	-5.63e-03	-0.04	0.0	1.19e-04	4.63e-05
612	24	5.19e-03	-5.11e-03	-0.03	0.0	1.13e-04	4.37e-05
613	2	0.01	-5.53e-03	-0.07	0.0	1.60e-04	1.23e-04
613	4	0.01	-4.99e-03	-0.07	0.0	1.35e-04	1.07e-04
613	5	-0.03	-0.01	-0.06	0.0	-6.78e-05	9.10e-05
613	6	-0.02	-0.01	-0.07	0.0	-3.67e-05	9.86e-05
613	8	0.06	3.23e-03	4.78e-03	0.0	4.33e-04	1.72e-04
613	13	2.42e-03	-4.95e-03	-0.04	0.0	6.85e-05	7.95e-05
613	14	2.70e-03	-4.81e-03	-0.04	0.0	7.31e-05	8.07e-05
613	16	0.02	-2.06e-03	-0.02	0.0	1.54e-04	8.58e-05
613	22	0.01	-3.72e-03	-0.04	0.0	1.14e-04	8.61e-05
613	24	9.72e-03	-3.51e-03	-0.03	0.0	1.11e-04	8.26e-05
614	1	0.01	-3.51e-03	0.02	0.0	1.17e-04	1.24e-04
614	2	0.02	-2.02e-03	-0.07	0.0	1.41e-04	1.73e-04
614	4	0.02	-1.21e-03	-0.07	0.0	1.14e-04	1.44e-04
614	5	-0.03	-7.17e-03	-0.06	0.0	-8.72e-05	1.10e-04
614	6	-0.03	-6.01e-03	-0.07	0.0	-5.08e-05	1.22e-04
614	8	0.07	2.47e-03	4.74e-03	0.0	4.42e-04	2.80e-04
614	13	4.94e-03	-2.88e-03	-0.04	0.0	5.77e-05	1.12e-04
614	14	5.43e-03	-2.64e-03	-0.04	0.0	6.32e-05	1.14e-04
614	16	0.02	-9.30e-04	-0.02	0.0	1.48e-04	1.31e-04
614	21	0.01	-2.70e-03	0.02	0.0	9.02e-05	9.57e-05
614	22	0.01	-1.81e-03	-0.04	0.0	1.05e-04	1.25e-04
614	23	0.01	-2.70e-03	0.02	0.0	9.02e-05	9.57e-05
614	24	0.01	-1.91e-03	-0.03	0.0	1.03e-04	1.21e-04
615	1	0.02	-4.72e-03	0.02	0.0	1.10e-04	1.80e-04
615	2	0.03	1.56e-03	-0.07	0.0	1.25e-04	2.17e-04
615	4	0.02	2.65e-03	-0.07	0.0	9.91e-05	1.76e-04
615	6	-0.03	-1.67e-03	-0.07	0.0	-6.46e-05	1.42e-04
615	8	0.09	1.78e-03	4.70e-03	0.0	4.38e-04	3.91e-04
615	9	-8.38e-03	-4.61e-03	-0.03	0.0	-5.64e-05	1.09e-04
615	14	7.69e-03	-4.55e-04	-0.04	0.0	5.15e-05	1.44e-04
615	16	0.03	2.33e-04	-0.02	0.0	1.39e-04	1.75e-04
615	17	0.01	-9.64e-04	-0.03	0.0	6.94e-05	1.49e-04
615	21	0.01	-3.63e-03	0.02	0.0	8.48e-05	1.38e-04
615	22	0.02	1.35e-04	-0.04	0.0	9.34e-05	1.61e-04
615	23	0.01	-3.63e-03	0.02	0.0	8.48e-05	1.38e-04
615	24	0.02	-2.84e-04	-0.03	0.0	9.24e-05	1.58e-04
616	2	0.03	5.22e-03	-0.07	0.0	1.11e-04	2.57e-04
616	4	0.02	6.60e-03	-0.07	0.0	8.84e-05	2.03e-04
616	6	-0.03	2.69e-03	-0.07	0.0	-7.62e-05	1.57e-04
616	8	0.11	1.14e-03	4.67e-03	0.0	4.27e-04	4.99e-04
616	10	0.01	3.87e-03	-0.05	0.0	6.28e-05	1.98e-04
616	14	9.48e-03	1.76e-03	-0.04	0.0	4.07e-05	1.71e-04
616	16	0.03	1.44e-03	-0.02	0.0	1.29e-04	2.16e-04
616	18	0.02	2.17e-03	-0.03	0.0	7.88e-05	1.91e-04
616	21	0.02	-4.59e-03	0.02	0.0	7.48e-05	1.79e-04
616	22	0.02	2.12e-03	-0.04	0.0	8.30e-05	1.93e-04
616	23	0.02	-4.59e-03	0.02	0.0	7.48e-05	1.79e-04
616	24	0.02	1.37e-03	-0.03	0.0	8.21e-05	1.92e-04
617	2	0.03	8.99e-03	-0.07	0.0	1.01e-04	2.91e-04
617	4	0.03	0.01	-0.07	0.0	8.16e-05	2.26e-04
617	6	-0.03	7.10e-03	-0.07	0.0	-8.46e-05	1.68e-04
617	8	0.12	5.61e-04	4.65e-03	0.0	4.14e-04	6.02e-04
617	14	0.01	4.03e-03	-0.04	0.0	3.22e-05	1.94e-04
617	16	0.04	2.69e-03	-0.02	0.0	1.21e-04	2.53e-04
617	18	0.02	4.21e-03	-0.03	0.0	7.03e-05	2.20e-04
617	21	0.02	-5.57e-03	0.02	0.0	6.46e-05	2.16e-04
617	22	0.02	4.17e-03	-0.04	0.0	7.48e-05	2.22e-04
617	23	0.02	-5.57e-03	0.02	0.0	6.46e-05	2.16e-04
617	24	0.02	3.08e-03	-0.03	0.0	7.36e-05	2.21e-04
618	2	0.04	0.01	-0.07	0.0	9.47e-05	3.21e-04
618	4	0.03	0.01	-0.07	0.0	7.77e-05	2.46e-04
618	6	-0.04	0.01	-0.07	0.0	-8.96e-05	1.75e-04
618	8	0.14	2.51e-05	4.64e-03	0.0	4.04e-04	7.00e-04
618	14	0.01	6.36e-03	-0.04	0.0	2.66e-05	2.13e-04
618	16	0.04	4.01e-03	-0.02	0.0	1.15e-04	2.87e-04
618	21	0.02	-6.57e-03	0.02	0.0	5.68e-05	2.49e-04
618	22	0.03	6.28e-03	-0.04	0.0	6.93e-05	2.47e-04
618	23	0.02	-6.57e-03	0.02	0.0	5.68e-05	2.49e-04
618	24	0.03	4.85e-03	-0.03	0.0	6.79e-05	2.47e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
619	2	0.04	0.02	-0.07	0.0	9.13e-05	3.47e-04
619	4	0.03	0.02	-0.07	0.0	7.56e-05	2.64e-04
619	6	-0.04	0.02	-0.07	0.0	-9.20e-05	1.80e-04
619	8	0.16	-4.75e-04	4.64e-03	0.0	3.97e-04	7.92e-04
619	14	0.01	8.78e-03	-0.04	0.0	2.35e-05	2.30e-04
619	16	0.05	5.38e-03	-0.02	0.0	1.11e-04	3.17e-04
619	22	0.03	8.48e-03	-0.04	0.0	6.62e-05	2.70e-04
619	23	0.02	-7.59e-03	0.02	0.0	5.22e-05	2.79e-04
619	24	0.03	6.69e-03	-0.03	0.0	6.47e-05	2.71e-04
620	2	0.05	0.02	-0.07	0.0	8.87e-05	3.73e-04
620	4	0.04	0.02	-0.07	0.0	7.38e-05	2.81e-04
620	6	-0.04	0.02	-0.07	0.0	-9.37e-05	1.85e-04
620	8	0.17	-9.64e-04	4.65e-03	0.0	3.93e-04	8.85e-04
620	14	0.01	0.01	-0.04	0.0	2.15e-05	2.46e-04
620	16	0.05	6.81e-03	-0.02	0.0	1.09e-04	3.48e-04
620	22	0.03	0.01	-0.04	0.0	6.41e-05	2.92e-04
620	23	0.03	-8.62e-03	0.02	0.0	4.95e-05	3.08e-04
620	24	0.03	8.61e-03	-0.03	0.0	6.25e-05	2.94e-04
621	2	0.05	0.03	-0.07	0.0	8.51e-05	3.86e-04
621	4	0.04	0.03	-0.07	0.0	7.11e-05	2.89e-04
621	6	-0.05	0.03	-0.07	0.0	-9.65e-05	1.87e-04
621	8	0.19	-1.48e-03	4.66e-03	0.0	3.92e-04	9.29e-04
621	14	0.01	0.01	-0.04	0.0	1.86e-05	2.54e-04
621	16	0.06	8.30e-03	-0.02	0.0	1.07e-04	3.62e-04
621	22	0.04	0.01	-0.04	0.0	6.12e-05	3.02e-04
621	24	0.03	0.01	-0.03	0.0	5.96e-05	3.04e-04
622	2	4.44e-03	-9.18e-03	-0.07	0.0	1.25e-04	6.68e-05
622	4	3.48e-03	-8.86e-03	-0.08	0.0	1.16e-04	6.06e-05
622	5	-0.03	-0.02	-0.07	0.0	-6.88e-05	6.42e-05
622	6	-0.03	-0.02	-0.07	0.0	-5.06e-05	7.26e-05
622	8	0.04	3.95e-03	5.43e-03	0.0	3.06e-04	6.78e-05
622	13	-2.41e-03	-7.16e-03	-0.04	0.0	4.32e-05	4.43e-05
622	14	-2.34e-03	-7.13e-03	-0.04	0.0	4.59e-05	4.56e-05
622	16	9.14e-03	-3.28e-03	-0.02	0.0	1.09e-04	3.95e-05
622	22	3.38e-03	-5.74e-03	-0.04	0.0	8.19e-05	4.46e-05
622	24	3.36e-03	-5.22e-03	-0.03	0.0	7.62e-05	4.19e-05
623	2	9.05e-03	-5.71e-03	-0.07	0.0	1.10e-04	1.14e-04
623	4	7.60e-03	-5.13e-03	-0.08	0.0	9.64e-05	9.91e-05
623	5	-0.03	-0.01	-0.07	0.0	-8.61e-05	8.05e-05
623	6	-0.03	-0.01	-0.07	0.0	-6.04e-05	9.44e-05
623	8	0.05	3.10e-03	5.37e-03	0.0	3.25e-04	1.66e-04
623	13	-8.50e-04	-5.09e-03	-0.04	0.0	3.66e-05	7.30e-05
623	14	-6.40e-04	-4.95e-03	-0.04	0.0	4.04e-05	7.51e-05
623	16	0.01	-2.18e-03	-0.02	0.0	1.09e-04	7.98e-05
623	22	6.50e-03	-3.85e-03	-0.04	0.0	7.61e-05	7.96e-05
623	24	6.32e-03	-3.64e-03	-0.03	0.0	7.27e-05	7.64e-05
624	1	8.77e-03	-3.72e-03	0.03	0.0	6.26e-05	1.13e-04
624	2	0.01	-2.19e-03	-0.07	0.0	9.62e-05	1.56e-04
624	4	0.01	-1.33e-03	-0.08	0.0	8.17e-05	1.30e-04
624	5	-0.03	-7.37e-03	-0.07	0.0	-1.00e-04	9.11e-05
624	6	-0.03	-6.18e-03	-0.07	0.0	-7.09e-05	1.13e-04
624	8	0.06	2.32e-03	5.31e-03	0.0	3.30e-04	2.69e-04
624	13	3.77e-04	-3.03e-03	-0.04	0.0	2.81e-05	9.95e-05
624	14	7.62e-04	-2.78e-03	-0.04	0.0	3.25e-05	1.03e-04
624	16	0.02	-1.06e-03	-0.02	0.0	1.04e-04	1.20e-04
624	21	6.75e-03	-2.86e-03	0.02	0.0	4.82e-05	8.68e-05
624	22	9.32e-03	-1.94e-03	-0.04	0.0	6.83e-05	1.12e-04
624	23	6.75e-03	-2.86e-03	0.02	0.0	4.82e-05	8.68e-05
624	24	9.04e-03	-2.04e-03	-0.03	0.0	6.61e-05	1.10e-04
625	1	0.01	-4.96e-03	0.03	0.0	5.75e-05	1.60e-04
625	2	0.02	1.41e-03	-0.07	0.0	8.47e-05	1.92e-04
625	4	0.01	2.56e-03	-0.08	0.0	7.14e-05	1.55e-04
625	6	-0.03	-1.80e-03	-0.07	0.0	-8.01e-05	1.27e-04
625	8	0.07	1.62e-03	5.26e-03	0.0	3.26e-04	3.74e-04
625	9	-0.01	-4.88e-03	-0.03	0.0	-6.46e-05	5.61e-05
625	14	1.83e-03	-5.84e-04	-0.04	0.0	2.45e-05	1.27e-04
625	16	0.02	1.04e-04	-0.02	0.0	9.77e-05	1.58e-04
625	17	7.52e-03	-1.11e-03	-0.03	0.0	3.98e-05	1.28e-04
625	21	8.55e-03	-3.82e-03	0.02	0.0	4.42e-05	1.23e-04
625	22	0.01	8.01e-06	-0.04	0.0	6.05e-05	1.43e-04
625	23	8.55e-03	-3.82e-03	0.02	0.0	4.42e-05	1.23e-04
625	24	0.01	-4.17e-04	-0.03	0.0	5.87e-05	1.40e-04
626	2	0.02	5.11e-03	-0.07	0.0	7.62e-05	2.24e-04
626	4	0.02	6.55e-03	-0.08	0.0	6.49e-05	1.77e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
626	6	-0.04	2.61e-03	-0.07	0.0	-8.70e-05	1.37e-04
626	8	0.09	9.82e-04	5.22e-03	0.0	3.19e-04	4.77e-04
626	11	0.02	-4.10e-03	-8.48e-03	0.0	5.02e-05	1.55e-04
626	14	2.59e-03	1.65e-03	-0.04	0.0	1.78e-05	1.48e-04
626	16	0.03	1.32e-03	-0.02	0.0	9.16e-05	1.93e-04
626	18	0.01	2.07e-03	-0.04	0.0	4.93e-05	1.71e-04
626	21	0.01	-4.80e-03	0.02	0.0	3.79e-05	1.57e-04
626	22	0.01	2.01e-03	-0.04	0.0	5.41e-05	1.69e-04
626	23	0.01	-4.80e-03	0.02	0.0	3.79e-05	1.57e-04
626	24	0.01	1.25e-03	-0.03	0.0	5.23e-05	1.68e-04
627	2	0.02	8.91e-03	-0.07	0.0	7.09e-05	2.52e-04
627	4	0.02	0.01	-0.08	0.0	6.14e-05	1.96e-04
627	6	-0.04	7.07e-03	-0.07	0.0	-9.13e-05	1.42e-04
627	8	0.10	3.98e-04	5.18e-03	0.0	3.12e-04	5.75e-04
627	14	3.13e-03	3.94e-03	-0.04	0.0	1.31e-05	1.66e-04
627	16	0.03	2.58e-03	-0.02	0.0	8.69e-05	2.25e-04
627	18	0.01	4.13e-03	-0.04	0.0	4.45e-05	1.95e-04
627	21	0.01	-5.79e-03	0.02	0.0	3.19e-05	1.86e-04
627	22	0.02	4.07e-03	-0.04	0.0	4.96e-05	1.92e-04
627	23	0.01	-5.79e-03	0.02	0.0	3.19e-05	1.86e-04
627	24	0.02	2.98e-03	-0.03	0.0	4.76e-05	1.92e-04
628	2	0.03	0.01	-0.07	0.0	6.85e-05	2.76e-04
628	4	0.02	0.01	-0.08	0.0	6.02e-05	2.12e-04
628	6	-0.04	0.01	-0.07	0.0	-9.33e-05	1.45e-04
628	8	0.11	-1.37e-04	5.17e-03	0.0	3.07e-04	6.69e-04
628	14	3.53e-03	6.30e-03	-0.04	0.0	1.06e-05	1.80e-04
628	16	0.03	3.91e-03	-0.02	0.0	8.42e-05	2.54e-04
628	21	0.01	-6.79e-03	0.02	0.0	2.79e-05	2.12e-04
628	22	0.02	6.21e-03	-0.04	0.0	4.73e-05	2.12e-04
628	23	0.01	-6.79e-03	0.02	0.0	2.79e-05	2.12e-04
628	24	0.02	4.76e-03	-0.03	0.0	4.51e-05	2.12e-04
629	2	0.03	0.02	-0.07	0.0	6.77e-05	2.97e-04
629	4	0.02	0.02	-0.08	0.0	6.00e-05	2.26e-04
629	6	-0.05	0.02	-0.07	0.0	-9.40e-05	1.45e-04
629	8	0.12	-6.24e-04	5.19e-03	0.0	3.05e-04	7.58e-04
629	14	3.88e-03	8.73e-03	-0.04	0.0	9.57e-06	1.92e-04
629	16	0.04	5.29e-03	-0.02	0.0	8.31e-05	2.80e-04
629	22	0.02	8.42e-03	-0.04	0.0	4.63e-05	2.30e-04
629	23	0.01	-7.81e-03	0.02	0.0	2.58e-05	2.36e-04
629	24	0.02	6.61e-03	-0.03	0.0	4.40e-05	2.31e-04
630	2	0.03	0.02	-0.07	0.0	6.53e-05	3.18e-04
630	4	0.03	0.02	-0.08	0.0	5.84e-05	2.40e-04
630	6	-0.05	0.02	-0.07	0.0	-9.56e-05	1.45e-04
630	8	0.14	-1.08e-03	5.21e-03	0.0	3.03e-04	8.48e-04
630	14	4.20e-03	0.01	-0.04	0.0	7.59e-06	2.03e-04
630	16	0.04	6.74e-03	-0.02	0.0	8.10e-05	3.06e-04
630	22	0.02	0.01	-0.04	0.0	4.43e-05	2.48e-04
630	23	0.01	-8.84e-03	0.02	0.0	2.33e-05	2.59e-04
630	24	0.02	8.54e-03	-0.03	0.0	4.20e-05	2.49e-04
631	2	0.03	0.03	-0.07	0.0	5.86e-05	3.27e-04
631	4	0.03	0.03	-0.08	0.0	5.34e-05	2.46e-04
631	6	-0.06	0.03	-0.07	0.0	-1.00e-04	1.45e-04
631	8	0.15	-1.56e-03	5.22e-03	0.0	2.97e-04	8.89e-04
631	14	4.40e-03	0.01	-0.04	0.0	2.49e-06	2.09e-04
631	16	0.04	8.24e-03	-0.02	0.0	7.58e-05	3.18e-04
631	22	0.02	0.01	-0.04	0.0	3.90e-05	2.56e-04
631	24	0.02	0.01	-0.03	0.0	3.66e-05	2.57e-04
632	1	3.37e-03	-1.46e-03	0.03	0.0	1.00e-05	1.59e-05
632	2	1.69e-03	-9.31e-03	-0.07	0.0	8.37e-05	5.53e-05
632	4	9.08e-04	-8.97e-03	-0.08	0.0	8.14e-05	5.16e-05
632	5	-0.03	-0.02	-0.07	0.0	-8.02e-05	5.36e-05
632	6	-0.03	-0.02	-0.08	0.0	-6.89e-05	6.66e-05
632	8	0.03	3.84e-03	6.12e-03	0.0	2.19e-04	5.45e-05
632	13	-4.19e-03	-7.25e-03	-0.04	0.0	1.93e-05	3.59e-05
632	14	-4.18e-03	-7.23e-03	-0.04	0.0	2.10e-05	3.78e-05
632	16	7.58e-03	-3.36e-03	-0.03	0.0	7.47e-05	3.06e-05
632	21	2.60e-03	-1.12e-03	0.02	0.0	7.71e-06	1.23e-05
632	22	1.58e-03	-5.83e-03	-0.04	0.0	5.19e-05	3.59e-05
632	23	2.60e-03	-1.12e-03	0.02	0.0	7.71e-06	1.23e-05
632	24	1.70e-03	-5.31e-03	-0.03	0.0	4.70e-05	3.32e-05
633	2	4.63e-03	-5.87e-03	-0.07	0.0	7.24e-05	8.71e-05
633	4	3.73e-03	-5.26e-03	-0.08	0.0	6.81e-05	7.68e-05
633	5	-0.03	-0.01	-0.07	0.0	-9.16e-05	5.68e-05
633	6	-0.03	-0.01	-0.08	0.0	-7.63e-05	7.93e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
633	8	0.04	2.95e-03	6.03e-03	0.0	2.26e-04	1.36e-04
633	13	-3.65e-03	-5.22e-03	-0.04	0.0	1.37e-05	5.40e-05
633	14	-3.55e-03	-5.08e-03	-0.04	0.0	1.60e-05	5.73e-05
633	16	0.01	-2.30e-03	-0.03	0.0	7.24e-05	5.99e-05
633	22	3.44e-03	-3.97e-03	-0.04	0.0	4.66e-05	5.98e-05
633	24	3.39e-03	-3.76e-03	-0.03	0.0	4.30e-05	5.69e-05
634	1	4.54e-03	-3.93e-03	0.03	0.0	2.02e-05	7.67e-05
634	2	7.14e-03	-2.36e-03	-0.07	0.0	6.24e-05	1.14e-04
634	4	6.09e-03	-1.45e-03	-0.08	0.0	5.77e-05	9.62e-05
634	5	-0.04	-7.55e-03	-0.07	0.0	-1.00e-04	5.33e-05
634	6	-0.03	-6.33e-03	-0.08	0.0	-8.30e-05	8.82e-05
634	8	0.05	2.16e-03	5.93e-03	0.0	2.25e-04	2.24e-04
634	13	-3.37e-03	-3.17e-03	-0.04	0.0	7.85e-06	6.91e-05
634	14	-3.15e-03	-2.92e-03	-0.04	0.0	1.04e-05	7.43e-05
634	16	0.01	-1.20e-03	-0.03	0.0	6.82e-05	8.85e-05
634	21	3.49e-03	-3.02e-03	0.02	0.0	1.56e-05	5.90e-05
634	22	5.05e-03	-2.08e-03	-0.04	0.0	4.08e-05	8.13e-05
634	23	3.49e-03	-3.02e-03	0.02	0.0	1.56e-05	5.90e-05
634	24	4.88e-03	-2.18e-03	-0.03	0.0	3.80e-05	7.88e-05
635	1	5.14e-03	-5.21e-03	0.03	0.0	1.78e-05	1.08e-04
635	2	9.33e-03	1.25e-03	-0.07	0.0	5.52e-05	1.37e-04
635	4	8.15e-03	2.46e-03	-0.08	0.0	5.11e-05	1.12e-04
635	6	-0.04	-1.93e-03	-0.08	0.0	-8.80e-05	9.37e-05
635	8	0.06	1.45e-03	5.84e-03	0.0	2.22e-04	3.13e-04
635	9	-0.01	-5.15e-03	-0.03	0.0	-4.98e-05	-3.18e-05
635	14	-2.95e-03	-7.21e-04	-0.04	0.0	5.81e-06	8.88e-05
635	16	0.02	-3.74e-05	-0.03	0.0	6.42e-05	1.16e-04
635	17	2.84e-03	-1.26e-03	-0.03	0.0	2.04e-05	8.24e-05
635	21	3.96e-03	-4.01e-03	0.02	0.0	1.37e-05	8.28e-05
635	22	6.47e-03	-1.29e-04	-0.04	0.0	3.62e-05	1.01e-04
635	23	3.96e-03	-4.01e-03	0.02	0.0	1.37e-05	8.28e-05
635	24	6.19e-03	-5.60e-04	-0.03	0.0	3.37e-05	9.86e-05
636	1	5.62e-03	-6.50e-03	0.03	0.0	1.41e-05	1.35e-04
636	2	0.01	4.97e-03	-0.08	0.0	5.07e-05	1.58e-04
636	4	0.01	6.47e-03	-0.08	0.0	4.75e-05	1.26e-04
636	6	-0.04	2.50e-03	-0.08	0.0	-9.11e-05	9.59e-05
636	8	0.07	8.05e-04	5.76e-03	0.0	2.18e-04	4.02e-04
636	11	0.02	-4.42e-03	-8.29e-03	0.0	3.98e-05	3.49e-05
636	14	-2.89e-03	1.53e-03	-0.04	0.0	2.49e-06	1.00e-04
636	16	0.02	1.18e-03	-0.03	0.0	6.10e-05	1.41e-04
636	18	4.98e-03	1.96e-03	-0.04	0.0	2.62e-05	1.26e-04
636	21	4.32e-03	-5.00e-03	0.02	0.0	1.09e-05	1.04e-04
636	22	7.74e-03	1.88e-03	-0.04	0.0	3.28e-05	1.17e-04
636	23	4.32e-03	-5.00e-03	0.02	0.0	1.09e-05	1.04e-04
636	24	7.36e-03	1.12e-03	-0.03	0.0	3.04e-05	1.16e-04
637	2	0.01	8.79e-03	-0.08	0.0	4.87e-05	1.75e-04
637	4	0.01	0.01	-0.08	0.0	4.62e-05	1.38e-04
637	6	-0.05	7.00e-03	-0.08	0.0	-9.24e-05	9.56e-05
637	8	0.08	2.19e-04	5.71e-03	0.0	2.15e-04	4.87e-04
637	14	-2.92e-03	3.83e-03	-0.04	0.0	0.0	1.10e-04
637	16	0.02	2.45e-03	-0.03	0.0	5.91e-05	1.64e-04
637	18	5.91e-03	4.03e-03	-0.04	0.0	2.43e-05	1.42e-04
637	21	4.59e-03	-6.00e-03	0.02	0.0	8.33e-06	1.22e-04
637	22	8.93e-03	3.96e-03	-0.04	0.0	3.10e-05	1.32e-04
637	23	4.59e-03	-6.00e-03	0.02	0.0	8.33e-06	1.22e-04
637	24	8.45e-03	2.85e-03	-0.03	0.0	2.85e-05	1.31e-04
638	2	0.02	0.01	-0.08	0.0	4.88e-05	1.91e-04
638	4	0.01	0.01	-0.08	0.0	4.68e-05	1.49e-04
638	6	-0.05	0.01	-0.08	0.0	-9.22e-05	9.34e-05
638	8	0.09	-3.21e-04	5.68e-03	0.0	2.14e-04	5.70e-04
638	14	-2.97e-03	6.20e-03	-0.04	0.0	0.0	1.17e-04
638	16	0.02	3.78e-03	-0.03	0.0	5.86e-05	1.85e-04
638	21	4.79e-03	-7.01e-03	0.02	0.0	6.84e-06	1.38e-04
638	22	0.01	6.10e-03	-0.04	0.0	3.08e-05	1.45e-04
638	23	4.79e-03	-7.01e-03	0.02	0.0	6.84e-06	1.38e-04
638	24	9.50e-03	4.64e-03	-0.03	0.0	2.81e-05	1.44e-04
639	2	0.02	0.02	-0.08	0.0	5.04e-05	2.05e-04
639	4	0.02	0.02	-0.08	0.0	4.85e-05	1.59e-04
639	6	-0.05	0.02	-0.08	0.0	-9.12e-05	8.97e-05
639	8	0.09	-8.10e-04	5.69e-03	0.0	2.16e-04	6.51e-04
639	14	-3.00e-03	8.65e-03	-0.04	0.0	0.0	1.24e-04
639	16	0.02	5.17e-03	-0.03	0.0	5.94e-05	2.05e-04
639	22	0.01	8.31e-03	-0.04	0.0	3.16e-05	1.57e-04
639	23	4.98e-03	-8.03e-03	0.02	0.0	6.37e-06	1.53e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
639	24	0.01	6.50e-03	-0.03	0.0	2.88e-05	1.56e-04
640	2	0.02	0.02	-0.08	0.0	4.91e-05	2.18e-04
640	4	0.02	0.02	-0.08	0.0	4.80e-05	1.67e-04
640	6	-0.06	0.02	-0.08	0.0	-9.22e-05	8.45e-05
640	8	0.10	-1.20e-03	5.74e-03	0.0	2.17e-04	7.33e-04
640	14	-3.01e-03	0.01	-0.04	0.0	0.0	1.29e-04
640	16	0.03	6.63e-03	-0.03	0.0	5.82e-05	2.25e-04
640	22	0.01	0.01	-0.04	0.0	3.03e-05	1.68e-04
640	23	5.16e-03	-9.06e-03	0.02	0.0	3.91e-06	1.69e-04
640	24	0.01	8.44e-03	-0.03	0.0	2.74e-05	1.68e-04
641	2	0.02	0.03	-0.08	0.0	3.92e-05	2.23e-04
641	4	0.02	0.03	-0.08	0.0	4.09e-05	1.70e-04
641	6	-0.06	0.03	-0.08	0.0	-9.81e-05	8.07e-05
641	8	0.11	-1.58e-03	5.77e-03	0.0	2.06e-04	7.72e-04
641	14	-3.17e-03	0.01	-0.04	0.0	-8.05e-06	1.31e-04
641	16	0.03	8.16e-03	-0.03	0.0	5.00e-05	2.34e-04
641	22	0.01	0.01	-0.04	0.0	2.23e-05	1.72e-04
641	24	0.01	0.01	-0.03	0.0	1.92e-05	1.73e-04
642	1	3.12e-03	-1.53e-03	0.03	3.62e-05	-4.34e-06	-6.96e-06
642	2	-2.79e-04	-9.38e-03	-0.08	-7.72e-05	6.60e-05	2.94e-05
642	4	-9.99e-04	-9.02e-03	-0.09	-8.55e-05	6.70e-05	3.10e-05
642	5	-0.03	-0.02	-0.08	-8.27e-05	-8.33e-05	3.05e-05
642	6	-0.03	-0.02	-0.08	-1.05e-04	-7.64e-05	4.94e-05
642	7	0.03	3.63e-03	0.01	3.79e-05	1.70e-04	6.82e-06
642	13	-5.43e-03	-7.30e-03	-0.04	-4.33e-05	9.17e-06	1.69e-05
642	14	-5.51e-03	-7.28e-03	-0.04	-4.73e-05	1.02e-05	1.95e-05
642	15	6.68e-03	-3.44e-03	-0.03	-1.79e-05	5.81e-05	8.52e-06
642	21	2.40e-03	-1.18e-03	0.02	2.79e-05	-3.34e-06	-5.35e-06
642	22	3.61e-04	-5.88e-03	-0.04	-4.02e-05	3.88e-05	1.65e-05
642	23	2.40e-03	-1.18e-03	0.02	2.79e-05	-3.34e-06	-5.35e-06
642	24	5.88e-04	-5.36e-03	-0.04	-3.26e-05	3.41e-05	1.40e-05
643	1	2.76e-03	-2.82e-03	0.03	3.83e-05	0.0	-4.05e-06
643	2	1.83e-03	-6.00e-03	-0.08	-8.07e-05	5.66e-05	3.18e-05
643	4	1.20e-03	-5.35e-03	-0.09	-8.96e-05	5.64e-05	3.27e-05
643	5	-0.03	-0.01	-0.08	-7.93e-05	-9.12e-05	9.60e-06
643	6	-0.03	-0.01	-0.08	-1.03e-04	-8.23e-05	4.38e-05
643	7	0.04	2.11e-03	0.01	2.95e-05	1.70e-04	3.92e-05
643	13	-5.31e-03	-5.32e-03	-0.04	-4.35e-05	4.53e-06	1.38e-05
643	14	-5.37e-03	-5.19e-03	-0.05	-4.78e-05	5.85e-06	1.87e-05
643	15	8.63e-03	-2.55e-03	-0.03	-2.02e-05	5.49e-05	1.33e-05
643	21	2.12e-03	-2.17e-03	0.02	2.95e-05	0.0	-3.12e-06
643	22	1.57e-03	-4.08e-03	-0.04	-4.20e-05	3.41e-05	1.84e-05
643	23	2.12e-03	-2.17e-03	0.02	2.95e-05	0.0	-3.12e-06
643	24	1.63e-03	-3.87e-03	-0.04	-3.40e-05	3.04e-05	1.60e-05
644	1	2.49e-03	-4.14e-03	0.03	3.81e-05	2.46e-06	0.0
644	2	3.62e-03	-2.51e-03	-0.08	-8.56e-05	4.88e-05	3.55e-05
644	4	3.05e-03	-1.55e-03	-0.09	-9.44e-05	4.82e-05	3.56e-05
644	5	-0.04	-7.71e-03	-0.08	-7.98e-05	-9.65e-05	-1.49e-05
644	6	-0.04	-6.46e-03	-0.08	-1.04e-04	-8.68e-05	3.77e-05
644	7	0.04	7.31e-04	0.01	2.32e-05	1.66e-04	7.84e-05
644	13	-5.35e-03	-3.30e-03	-0.04	-4.56e-05	0.0	1.05e-05
644	14	-5.39e-03	-3.05e-03	-0.05	-4.99e-05	1.85e-06	1.81e-05
644	15	0.01	-1.58e-03	-0.03	-2.34e-05	5.14e-05	1.96e-05
644	21	1.92e-03	-3.19e-03	0.02	2.93e-05	1.89e-06	0.0
644	22	2.59e-03	-2.21e-03	-0.04	-4.49e-05	2.97e-05	2.12e-05
644	23	1.92e-03	-3.19e-03	0.02	2.93e-05	1.89e-06	0.0
644	24	2.52e-03	-2.32e-03	-0.04	-3.67e-05	2.66e-05	1.88e-05
645	1	2.25e-03	-5.46e-03	0.03	3.66e-05	1.98e-06	3.96e-06
645	2	5.19e-03	1.10e-03	-0.08	-8.98e-05	4.37e-05	4.00e-05
645	4	4.67e-03	2.36e-03	-0.09	-9.82e-05	4.32e-05	3.91e-05
645	6	-0.04	-2.06e-03	-0.08	-1.06e-04	-8.97e-05	3.17e-05
645	7	0.05	-5.39e-04	0.01	1.91e-05	1.63e-04	1.21e-04
645	9	-9.39e-03	-5.41e-03	-0.03	0.0	-3.64e-05	-1.67e-04
645	14	-5.52e-03	-8.59e-04	-0.05	-5.23e-05	-1.07e-06	1.78e-05
645	15	0.01	-5.48e-04	-0.03	-2.62e-05	4.86e-05	2.68e-05
645	17	7.16e-04	-1.42e-03	-0.04	-3.50e-05	1.36e-05	1.54e-06
645	21	1.73e-03	-4.20e-03	0.02	2.82e-05	1.53e-06	3.04e-06
645	22	3.49e-03	-2.66e-04	-0.04	-4.77e-05	2.65e-05	2.47e-05
645	23	1.73e-03	-4.20e-03	0.02	2.82e-05	1.53e-06	3.04e-06
645	24	3.30e-03	-7.04e-04	-0.04	-3.92e-05	2.38e-05	2.23e-05
646	1	2.01e-03	-6.77e-03	0.03	3.49e-05	0.0	8.84e-06
646	2	6.63e-03	4.81e-03	-0.08	-9.35e-05	4.08e-05	4.50e-05
646	4	6.16e-03	6.38e-03	-0.09	-1.02e-04	4.06e-05	4.30e-05
646	6	-0.04	2.38e-03	-0.08	-1.08e-04	-9.12e-05	2.59e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
646	7	0.05	-1.73e-03	0.01	1.65e-05	1.60e-04	1.64e-04
646	11	0.02	-4.73e-03	-8.05e-03	2.83e-05	4.06e-05	-1.50e-04
646	14	-5.72e-03	1.39e-03	-0.05	-5.46e-05	-2.90e-06	1.77e-05
646	15	0.01	5.53e-04	-0.03	-2.86e-05	4.67e-05	3.45e-05
646	18	1.05e-03	1.82e-03	-0.04	-5.24e-05	1.67e-05	4.46e-05
646	21	1.54e-03	-5.21e-03	0.02	2.69e-05	0.0	6.80e-06
646	22	4.32e-03	1.74e-03	-0.04	-5.02e-05	2.46e-05	2.85e-05
646	23	1.54e-03	-5.21e-03	0.02	2.69e-05	0.0	6.80e-06
646	24	4.01e-03	9.71e-04	-0.04	-4.16e-05	2.19e-05	2.61e-05
647	2	8.02e-03	8.64e-03	-0.08	-9.68e-05	3.99e-05	5.02e-05
647	4	7.62e-03	0.01	-0.09	-1.05e-04	4.01e-05	4.70e-05
647	6	-0.05	6.89e-03	-0.08	-1.11e-04	-9.14e-05	2.03e-05
647	7	0.06	-2.87e-03	0.01	1.53e-05	1.59e-04	2.08e-04
647	14	-5.94e-03	3.70e-03	-0.05	-5.68e-05	-3.62e-06	1.78e-05
647	15	0.02	1.71e-03	-0.03	-3.05e-05	4.58e-05	4.25e-05
647	18	1.47e-03	3.91e-03	-0.04	-5.46e-05	1.59e-05	5.24e-05
647	21	1.33e-03	-6.21e-03	0.02	2.60e-05	0.0	1.09e-05
647	22	5.10e-03	3.82e-03	-0.04	-5.24e-05	2.38e-05	3.25e-05
647	23	1.33e-03	-6.21e-03	0.02	2.60e-05	0.0	1.09e-05
647	24	4.68e-03	2.71e-03	-0.04	-4.37e-05	2.11e-05	3.01e-05
648	2	9.42e-03	0.01	-0.08	-9.98e-05	4.08e-05	5.53e-05
648	4	9.09e-03	0.01	-0.09	-1.08e-04	4.12e-05	5.07e-05
648	6	-0.05	0.01	-0.08	-1.14e-04	-9.03e-05	1.50e-05
648	7	0.06	-3.99e-03	0.01	1.52e-05	1.59e-04	2.51e-04
648	14	-6.15e-03	6.08e-03	-0.05	-5.87e-05	-3.28e-06	1.79e-05
648	15	0.02	2.93e-03	-0.03	-3.19e-05	4.60e-05	5.05e-05
648	21	1.11e-03	-7.21e-03	0.02	2.58e-05	-1.31e-06	1.53e-05
648	22	5.90e-03	5.96e-03	-0.04	-5.42e-05	2.42e-05	3.66e-05
648	23	1.11e-03	-7.21e-03	0.02	2.58e-05	-1.31e-06	1.53e-05
648	24	5.36e-03	4.50e-03	-0.04	-4.53e-05	2.13e-05	3.42e-05
649	2	0.01	0.02	-0.08	-1.03e-04	4.29e-05	5.99e-05
649	4	0.01	0.02	-0.09	-1.11e-04	4.34e-05	5.39e-05
649	6	-0.06	0.02	-0.08	-1.17e-04	-8.89e-05	9.36e-06
649	8	0.07	-1.03e-03	6.14e-03	-1.17e-05	1.72e-04	4.46e-04
649	14	-6.33e-03	8.52e-03	-0.05	-6.06e-05	-2.31e-06	1.79e-05
649	16	0.02	5.02e-03	-0.03	-3.82e-05	4.86e-05	8.19e-05
649	21	8.63e-04	-8.24e-03	0.02	2.61e-05	-1.66e-06	2.01e-05
649	22	6.74e-03	8.18e-03	-0.04	-5.61e-05	2.54e-05	4.04e-05
649	23	8.63e-04	-8.24e-03	0.02	2.61e-05	-1.66e-06	2.01e-05
649	24	6.08e-03	6.35e-03	-0.04	-4.69e-05	2.24e-05	3.81e-05
650	2	0.01	0.02	-0.08	-1.08e-04	4.37e-05	6.34e-05
650	4	0.01	0.02	-0.09	-1.15e-04	4.48e-05	5.58e-05
650	6	-0.06	0.02	-0.08	-1.21e-04	-8.78e-05	2.53e-06
650	8	0.08	-1.42e-03	6.14e-03	-1.58e-05	1.72e-04	5.09e-04
650	14	-6.44e-03	0.01	-0.05	-6.37e-05	-2.31e-06	1.72e-05
650	16	0.02	6.47e-03	-0.03	-4.11e-05	4.83e-05	9.29e-05
650	22	7.65e-03	0.01	-0.04	-5.92e-05	2.54e-05	4.36e-05
650	23	5.99e-04	-9.29e-03	0.02	2.50e-05	-3.76e-06	2.54e-05
650	24	6.86e-03	8.28e-03	-0.04	-4.99e-05	2.22e-05	4.16e-05
651	2	0.01	0.03	-0.08	-1.21e-04	3.37e-05	6.44e-05
651	4	0.01	0.03	-0.09	-1.25e-04	3.81e-05	5.58e-05
651	6	-0.06	0.03	-0.08	-1.28e-04	-9.25e-05	-2.35e-06
651	8	0.08	-1.37e-03	6.15e-03	-3.41e-05	1.56e-04	5.45e-04
651	14	-6.56e-03	0.01	-0.05	-7.27e-05	-9.77e-06	1.62e-05
651	16	0.02	8.11e-03	-0.03	-5.16e-05	3.91e-05	9.88e-05
651	22	8.56e-03	0.01	-0.04	-6.92e-05	1.70e-05	4.50e-05
651	24	7.64e-03	0.01	-0.04	-5.99e-05	1.35e-05	4.32e-05
652	2	-3.29e-03	-1.27e-03	-2.13e-03	0.0	-6.89e-05	7.21e-05
652	4	-2.79e-03	-1.34e-03	-2.38e-03	0.0	-5.69e-05	5.90e-05
652	6	-6.86e-03	5.72e-04	-2.34e-04	0.0	-1.41e-04	1.62e-04
652	7	-3.71e-04	-1.71e-03	-1.39e-03	0.0	-2.05e-05	5.01e-06
652	8	-4.46e-04	-1.67e-03	-1.39e-03	0.0	-2.21e-05	6.89e-06
652	14	-2.76e-03	-3.84e-04	-7.61e-04	0.0	-5.79e-05	6.39e-05
652	15	-1.78e-03	-8.18e-04	-9.86e-04	0.0	-4.01e-05	3.99e-05
652	22	-2.34e-03	-7.06e-04	-1.09e-03	0.0	-5.01e-05	5.29e-05
652	24	-2.27e-03	-6.01e-04	-8.74e-04	0.0	-4.90e-05	5.19e-05
653	1	0.0	0.0	0.0	0.0	-2.25e-05	5.93e-05
653	4	0.0	0.0	0.0	0.0	-2.32e-05	6.19e-05
653	6	0.0	0.0	0.0	0.0	-5.91e-05	1.65e-04
653	7	0.0	0.0	0.0	0.0	-8.39e-06	8.23e-06
653	14	0.0	0.0	0.0	0.0	-2.42e-05	6.62e-05
653	15	0.0	0.0	0.0	0.0	-1.67e-05	4.24e-05
653	21	0.0	0.0	0.0	0.0	-1.73e-05	4.56e-05
653	22	0.0	0.0	0.0	0.0	-2.08e-05	5.54e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
653	23	0.0	0.0	0.0	0.0	-1.73e-05	4.56e-05
653	24	0.0	0.0	0.0	0.0	-2.04e-05	5.43e-05
654	2	-6.06e-03	-7.12e-04	-2.06e-03	0.0	-6.13e-05	1.38e-04
654	4	-4.88e-03	-7.15e-04	-2.30e-03	0.0	-4.38e-05	1.11e-04
654	6	-0.01	4.19e-04	-2.70e-04	0.0	-1.54e-04	3.11e-04
654	7	-1.20e-03	-1.16e-03	-1.33e-03	0.0	-1.64e-05	2.33e-05
654	14	-5.34e-03	-2.25e-04	-7.53e-04	0.0	-6.10e-05	1.24e-04
654	15	-3.53e-03	-5.28e-04	-9.58e-04	0.0	-4.01e-05	8.00e-05
654	22	-4.50e-03	-4.25e-04	-1.06e-03	0.0	-4.96e-05	1.03e-04
654	24	-4.44e-03	-3.77e-04	-8.56e-04	0.0	-5.05e-05	1.02e-04
655	4	0.0	0.0	0.0	0.0	-2.09e-05	1.15e-04
655	7	0.0	0.0	0.0	0.0	-7.62e-06	2.80e-05
655	15	0.0	0.0	0.0	0.0	-1.85e-05	8.45e-05
655	22	0.0	0.0	0.0	0.0	-2.30e-05	1.08e-04
655	24	0.0	0.0	0.0	0.0	-2.34e-05	1.06e-04
656	1	-8.57e-03	-1.91e-04	9.86e-04	0.0	-8.20e-05	1.96e-04
656	2	-8.47e-03	-2.42e-04	-2.02e-03	0.0	-5.29e-05	1.95e-04
656	4	-6.49e-03	-1.98e-04	-2.25e-03	0.0	-3.39e-05	1.49e-04
656	6	-0.02	3.25e-04	-2.79e-04	0.0	-1.57e-04	4.64e-04
656	7	-1.77e-03	-6.92e-04	-1.31e-03	0.0	-9.84e-06	3.61e-05
656	8	-2.01e-03	-5.93e-04	-1.31e-03	0.0	-1.23e-05	4.21e-05
656	14	-7.91e-03	-7.57e-05	-7.48e-04	0.0	-5.89e-05	1.83e-04
656	15	-5.17e-03	-2.73e-04	-9.46e-04	0.0	-3.61e-05	1.17e-04
656	21	-6.59e-03	-1.47e-04	7.58e-04	0.0	-6.31e-05	1.51e-04
656	22	-6.53e-03	-1.78e-04	-1.05e-03	0.0	-4.56e-05	1.50e-04
656	23	-6.59e-03	-1.47e-04	7.58e-04	0.0	-6.31e-05	1.51e-04
656	24	-6.54e-03	-1.74e-04	-8.47e-04	0.0	-4.75e-05	1.50e-04
657	2	0.0	0.0	0.0	0.0	-2.42e-05	2.02e-04
657	4	0.0	0.0	0.0	0.0	-1.56e-05	1.54e-04
657	5	0.0	0.0	0.0	0.0	-7.06e-05	4.71e-04
657	7	0.0	0.0	0.0	0.0	-4.50e-06	4.14e-05
657	15	0.0	0.0	0.0	0.0	-1.65e-05	1.23e-04
657	19	0.0	0.0	0.0	0.0	-1.99e-05	1.45e-04
657	22	0.0	0.0	0.0	0.0	-2.08e-05	1.56e-04
657	24	0.0	0.0	0.0	0.0	-2.17e-05	1.56e-04
658	1	-0.01	-3.55e-04	9.43e-04	0.0	-7.89e-05	2.75e-04
658	4	-7.72e-03	2.78e-04	-2.21e-03	0.0	-2.61e-05	1.79e-04
658	6	-0.03	2.64e-04	-2.79e-04	0.0	-1.53e-04	6.17e-04
658	8	-2.39e-03	-1.34e-04	-1.30e-03	0.0	-5.50e-06	5.10e-05
658	11	-5.69e-03	-3.21e-04	-9.69e-04	0.0	-2.38e-05	1.29e-04
658	14	-0.01	7.25e-05	-7.43e-04	0.0	-5.42e-05	2.38e-04
658	16	-6.62e-03	-1.24e-06	-9.37e-04	0.0	-3.08e-05	1.52e-04
658	18	-9.08e-03	8.10e-05	-8.11e-04	0.0	-4.65e-05	2.10e-04
658	21	-9.25e-03	-2.73e-04	7.25e-04	0.0	-6.07e-05	2.12e-04
658	22	-8.33e-03	5.77e-05	-1.04e-03	0.0	-4.00e-05	1.92e-04
658	23	-9.25e-03	-2.73e-04	7.25e-04	0.0	-6.07e-05	2.12e-04
658	24	-8.43e-03	2.09e-05	-8.40e-04	0.0	-4.23e-05	1.94e-04
659	1	0.0	0.0	0.0	0.0	-3.60e-05	2.88e-04
659	4	0.0	0.0	0.0	0.0	-1.21e-05	1.84e-04
659	5	0.0	0.0	0.0	0.0	-6.87e-05	6.24e-04
659	7	0.0	0.0	0.0	0.0	-1.23e-06	4.77e-05
659	11	0.0	0.0	0.0	0.0	-1.09e-05	1.35e-04
659	13	0.0	0.0	0.0	0.0	-2.46e-05	2.45e-04
659	15	0.0	0.0	0.0	0.0	-1.39e-05	1.57e-04
659	18	0.0	0.0	0.0	0.0	-2.13e-05	2.17e-04
659	21	0.0	0.0	0.0	0.0	-2.77e-05	2.21e-04
659	22	0.0	0.0	0.0	0.0	-1.83e-05	1.99e-04
659	23	0.0	0.0	0.0	0.0	-2.77e-05	2.21e-04
659	24	0.0	0.0	0.0	0.0	-1.94e-05	2.02e-04
660	1	-0.02	-5.07e-04	9.02e-04	0.0	-7.15e-05	3.50e-04
660	4	-8.68e-03	7.51e-04	-2.17e-03	0.0	-2.03e-05	2.02e-04
660	6	-0.03	2.20e-04	-2.75e-04	0.0	-1.45e-04	7.64e-04
660	8	-2.47e-03	3.17e-04	-1.29e-03	0.0	0.0	5.35e-05
660	12	-8.15e-03	4.20e-04	-9.72e-04	0.0	-2.76e-05	1.88e-04
660	14	-0.01	2.26e-04	-7.35e-04	0.0	-4.86e-05	2.89e-04
660	16	-7.79e-03	2.49e-04	-9.28e-04	0.0	-2.49e-05	1.79e-04
660	20	-9.51e-03	2.84e-04	-8.62e-04	0.0	-3.38e-05	2.20e-04
660	21	-0.01	-3.90e-04	6.94e-04	0.0	-5.50e-05	2.69e-04
660	22	-9.88e-03	2.95e-04	-1.02e-03	0.0	-3.42e-05	2.29e-04
660	23	-0.01	-3.90e-04	6.94e-04	0.0	-5.50e-05	2.69e-04
660	24	-0.01	2.19e-04	-8.31e-04	0.0	-3.65e-05	2.33e-04
661	1	0.0	0.0	0.0	0.0	-3.27e-05	3.64e-04
661	4	0.0	0.0	0.0	0.0	-9.40e-06	2.07e-04
661	5	0.0	0.0	0.0	0.0	-6.53e-05	7.72e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
661	7	0.0	0.0	0.0	0.0	1.77e-06	4.68e-05
661	12	0.0	0.0	0.0	0.0	-1.27e-05	1.95e-04
661	13	0.0	0.0	0.0	0.0	-2.21e-05	2.96e-04
661	15	0.0	0.0	0.0	0.0	-1.12e-05	1.84e-04
661	20	0.0	0.0	0.0	0.0	-1.55e-05	2.27e-04
661	21	0.0	0.0	0.0	0.0	-2.52e-05	2.80e-04
661	22	0.0	0.0	0.0	0.0	-1.57e-05	2.36e-04
661	23	0.0	0.0	0.0	0.0	-2.52e-05	2.80e-04
661	24	0.0	0.0	0.0	0.0	-1.68e-05	2.41e-04
662	1	-0.02	-6.63e-04	8.62e-04	0.0	-6.32e-05	4.17e-04
662	4	-9.42e-03	1.25e-03	-2.12e-03	0.0	-1.63e-05	2.20e-04
662	6	-0.04	1.91e-04	-2.69e-04	0.0	-1.38e-04	9.04e-04
662	8	-2.31e-03	7.78e-04	-1.28e-03	0.0	5.75e-06	5.06e-05
662	14	-0.01	3.91e-04	-7.26e-04	0.0	-4.34e-05	3.35e-04
662	16	-8.71e-03	5.10e-04	-9.19e-04	0.0	-1.99e-05	2.02e-04
662	20	-0.01	5.20e-04	-8.54e-04	0.0	-2.87e-05	2.51e-04
662	21	-0.01	-5.10e-04	6.63e-04	0.0	-4.86e-05	3.20e-04
662	22	-0.01	5.46e-04	-1.01e-03	0.0	-2.92e-05	2.60e-04
662	23	-0.01	-5.10e-04	6.63e-04	0.0	-4.86e-05	3.20e-04
662	24	-0.01	4.28e-04	-8.21e-04	0.0	-3.14e-05	2.67e-04
663	1	0.0	0.0	0.0	0.0	-2.90e-05	4.31e-04
663	4	0.0	0.0	0.0	0.0	-7.54e-06	2.26e-04
663	5	0.0	0.0	0.0	0.0	-6.17e-05	9.11e-04
663	7	0.0	0.0	0.0	0.0	4.16e-06	3.99e-05
663	8	0.0	0.0	0.0	0.0	2.62e-06	5.48e-05
663	13	0.0	0.0	0.0	0.0	-1.97e-05	3.42e-04
663	15	0.0	0.0	0.0	0.0	-8.91e-06	2.06e-04
663	20	0.0	0.0	0.0	0.0	-1.32e-05	2.58e-04
663	21	0.0	0.0	0.0	0.0	-2.23e-05	3.32e-04
663	22	0.0	0.0	0.0	0.0	-1.35e-05	2.68e-04
663	23	0.0	0.0	0.0	0.0	-2.23e-05	3.32e-04
663	24	0.0	0.0	0.0	0.0	-1.44e-05	2.75e-04
664	1	-0.02	-8.41e-04	8.28e-04	0.0	-5.64e-05	4.76e-04
664	4	-0.01	1.81e-03	-2.08e-03	0.0	-1.39e-05	2.35e-04
664	6	-0.04	1.74e-04	-2.61e-04	0.0	-1.31e-04	1.04e-03
664	8	-1.97e-03	1.27e-03	-1.28e-03	0.0	9.11e-06	4.35e-05
664	14	-0.02	5.77e-04	-7.16e-04	0.0	-3.96e-05	3.76e-04
664	16	-9.44e-03	7.97e-04	-9.11e-04	0.0	-1.63e-05	2.20e-04
664	21	-0.02	-6.47e-04	6.37e-04	0.0	-4.34e-05	3.66e-04
664	22	-0.01	8.25e-04	-9.93e-04	0.0	-2.57e-05	2.88e-04
664	23	-0.02	-6.47e-04	6.37e-04	0.0	-4.34e-05	3.66e-04
664	24	-0.01	6.61e-04	-8.12e-04	0.0	-2.77e-05	2.96e-04
665	1	0.0	0.0	0.0	0.0	-2.59e-05	4.91e-04
665	4	0.0	0.0	0.0	0.0	-6.41e-06	2.41e-04
665	5	0.0	0.0	0.0	0.0	-5.87e-05	1.04e-03
665	7	0.0	0.0	0.0	0.0	5.78e-06	2.86e-05
665	8	0.0	0.0	0.0	0.0	4.16e-06	4.70e-05
665	13	0.0	0.0	0.0	0.0	-1.80e-05	3.83e-04
665	15	0.0	0.0	0.0	0.0	-7.25e-06	2.23e-04
665	16	0.0	0.0	0.0	0.0	-7.50e-06	2.26e-04
665	21	0.0	0.0	0.0	0.0	-2.00e-05	3.77e-04
665	22	0.0	0.0	0.0	0.0	-1.18e-05	2.95e-04
665	23	0.0	0.0	0.0	0.0	-2.00e-05	3.77e-04
665	24	0.0	0.0	0.0	0.0	-1.27e-05	3.04e-04
666	1	-0.02	-1.07e-03	8.04e-04	0.0	-5.25e-05	5.30e-04
666	4	-0.01	2.48e-03	-2.06e-03	0.0	-1.28e-05	2.49e-04
666	6	-0.05	1.74e-04	-2.53e-04	0.0	-1.28e-04	1.16e-03
666	8	-1.52e-03	1.83e-03	-1.29e-03	0.0	1.08e-05	3.40e-05
666	14	-0.02	8.03e-04	-7.13e-04	0.0	-3.75e-05	4.14e-04
666	16	-0.01	1.13e-03	-9.12e-04	0.0	-1.44e-05	2.35e-04
666	21	-0.02	-8.20e-04	6.19e-04	0.0	-4.04e-05	4.08e-04
666	22	-0.01	1.16e-03	-9.87e-04	0.0	-2.38e-05	3.12e-04
666	23	-0.02	-8.20e-04	6.19e-04	0.0	-4.04e-05	4.08e-04
666	24	-0.01	9.39e-04	-8.09e-04	0.0	-2.57e-05	3.23e-04
667	1	0.0	0.0	0.0	0.0	-2.48e-05	5.45e-04
667	4	0.0	0.0	0.0	0.0	-6.08e-06	2.54e-04
667	5	0.0	0.0	0.0	0.0	-5.85e-05	1.17e-03
667	8	0.0	0.0	0.0	0.0	5.06e-06	3.65e-05
667	13	0.0	0.0	0.0	0.0	-1.75e-05	4.21e-04
667	16	0.0	0.0	0.0	0.0	-6.82e-06	2.41e-04
667	21	0.0	0.0	0.0	0.0	-1.91e-05	4.19e-04
667	22	0.0	0.0	0.0	0.0	-1.13e-05	3.20e-04
667	23	0.0	0.0	0.0	0.0	-1.91e-05	4.19e-04
667	24	0.0	0.0	0.0	0.0	-1.21e-05	3.31e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
668	1	-0.02	-1.39e-03	8.16e-04	0.0	-5.31e-05	5.84e-04
668	4	-0.01	3.38e-03	-2.12e-03	0.0	-1.32e-05	2.62e-04
668	6	-0.06	2.01e-04	-2.46e-04	0.0	-1.31e-04	1.29e-03
668	8	-1.04e-03	2.53e-03	-1.37e-03	0.0	1.13e-05	2.31e-05
668	14	-0.02	1.11e-03	-7.33e-04	0.0	-3.83e-05	4.53e-04
668	16	-0.01	1.57e-03	-9.50e-04	0.0	-1.45e-05	2.50e-04
668	21	-0.02	-1.07e-03	6.28e-04	0.0	-4.08e-05	4.49e-04
668	22	-0.01	1.60e-03	-1.02e-03	0.0	-2.43e-05	3.37e-04
668	23	-0.02	-1.07e-03	6.28e-04	0.0	-4.08e-05	4.49e-04
668	24	-0.01	1.30e-03	-8.36e-04	0.0	-2.61e-05	3.49e-04
669	1	0.0	0.0	0.0	0.0	-2.22e-05	6.00e-04
669	4	0.0	0.0	0.0	0.0	-5.51e-06	2.67e-04
669	6	0.0	0.0	0.0	0.0	-5.47e-05	1.33e-03
669	8	0.0	0.0	0.0	0.0	4.77e-06	2.46e-05
669	14	0.0	0.0	0.0	0.0	-1.60e-05	4.64e-04
669	16	0.0	0.0	0.0	0.0	-6.05e-06	2.56e-04
669	21	0.0	0.0	0.0	0.0	-1.71e-05	4.62e-04
669	22	0.0	0.0	0.0	0.0	-1.01e-05	3.45e-04
669	23	0.0	0.0	0.0	0.0	-1.71e-05	4.62e-04
669	24	0.0	0.0	0.0	0.0	-1.09e-05	3.58e-04
670	1	-0.03	-2.08e-03	9.66e-04	0.0	-5.68e-05	6.11e-04
670	4	-0.01	5.21e-03	-2.50e-03	0.0	-1.45e-05	2.69e-04
670	6	-0.06	3.44e-04	-2.64e-04	0.0	-1.39e-04	1.36e-03
670	8	-5.47e-04	3.81e-03	-1.67e-03	0.0	1.14e-05	1.74e-05
670	14	-0.02	1.73e-03	-8.61e-04	0.0	-4.09e-05	4.72e-04
670	16	-0.01	2.41e-03	-1.13e-03	0.0	-1.59e-05	2.57e-04
670	21	-0.02	-1.60e-03	7.43e-04	0.0	-4.37e-05	4.70e-04
670	22	-0.02	2.49e-03	-1.20e-03	0.0	-2.62e-05	3.49e-04
670	23	-0.02	-1.60e-03	7.43e-04	0.0	-4.37e-05	4.70e-04
670	24	-0.02	2.03e-03	-9.88e-04	0.0	-2.81e-05	3.63e-04
671	1	0.0	0.0	0.0	0.0	-2.04e-05	6.33e-04
671	4	0.0	0.0	0.0	0.0	-5.20e-06	2.76e-04
671	6	0.0	0.0	0.0	0.0	-5.01e-05	1.41e-03
671	8	0.0	0.0	0.0	0.0	4.18e-06	1.73e-05
671	14	0.0	0.0	0.0	0.0	-1.47e-05	4.88e-04
671	16	0.0	0.0	0.0	0.0	-5.67e-06	2.65e-04
671	21	0.0	0.0	0.0	0.0	-1.57e-05	4.87e-04
671	22	0.0	0.0	0.0	0.0	-9.40e-06	3.60e-04
671	23	0.0	0.0	0.0	0.0	-1.57e-05	4.87e-04
671	24	0.0	0.0	0.0	0.0	-1.01e-05	3.74e-04
672	2	-6.31e-03	-2.51e-03	-4.84e-03	0.0	-1.38e-04	6.41e-05
672	4	-5.35e-03	-2.65e-03	-5.43e-03	0.0	-1.15e-04	5.25e-05
672	6	-0.01	1.12e-03	-3.29e-04	0.0	-2.84e-04	1.55e-04
672	7	-4.71e-04	-3.40e-03	-3.35e-03	0.0	-3.96e-05	-2.08e-06
672	8	-6.24e-04	-3.31e-03	-3.38e-03	0.0	-4.29e-05	0.0
672	14	-5.33e-03	-7.66e-04	-1.69e-03	0.0	-1.16e-04	5.84e-05
672	15	-3.34e-03	-1.63e-03	-2.27e-03	0.0	-7.95e-05	3.39e-05
672	16	-3.37e-03	-1.61e-03	-2.27e-03	0.0	-8.01e-05	3.42e-05
672	22	-4.48e-03	-1.40e-03	-2.47e-03	0.0	-1.00e-04	4.70e-05
672	23	-3.18e-03	4.69e-04	1.98e-03	0.0	-7.80e-05	3.89e-05
672	24	-4.34e-03	-1.20e-03	-1.98e-03	0.0	-9.77e-05	4.61e-05
673	2	-0.01	-1.42e-03	-4.68e-03	0.0	-1.25e-04	1.25e-04
673	4	-9.42e-03	-1.43e-03	-5.23e-03	0.0	-8.97e-05	1.01e-04
673	6	-0.03	8.26e-04	-4.09e-04	0.0	-3.13e-04	2.91e-04
673	7	-2.01e-03	-2.31e-03	-3.21e-03	0.0	-3.25e-05	1.29e-05
673	8	-2.32e-03	-2.17e-03	-3.25e-03	0.0	-3.67e-05	1.66e-05
673	14	-0.01	-4.50e-04	-1.67e-03	0.0	-1.23e-04	1.12e-04
673	15	-6.69e-03	-1.05e-03	-2.21e-03	0.0	-8.08e-05	6.94e-05
673	16	-6.74e-03	-1.02e-03	-2.22e-03	0.0	-8.14e-05	7.00e-05
673	22	-8.63e-03	-8.48e-04	-2.41e-03	0.0	-1.00e-04	9.22e-05
673	24	-8.49e-03	-7.51e-04	-1.94e-03	0.0	-1.02e-04	9.08e-05
674	2	-0.02	-4.96e-04	-4.58e-03	0.0	-1.08e-04	1.77e-04
674	4	-0.01	-4.12e-04	-5.10e-03	0.0	-6.96e-05	1.37e-04
674	6	-0.04	6.44e-04	-4.49e-04	0.0	-3.19e-04	4.32e-04
674	7	-3.10e-03	-1.38e-03	-3.14e-03	0.0	-1.98e-05	2.38e-05
674	8	-3.60e-03	-1.19e-03	-3.18e-03	0.0	-2.50e-05	2.99e-05
674	14	-0.02	-1.53e-04	-1.66e-03	0.0	-1.20e-04	1.66e-04
674	15	-9.85e-03	-5.47e-04	-2.18e-03	0.0	-7.34e-05	1.03e-04
674	16	-9.93e-03	-5.03e-04	-2.19e-03	0.0	-7.42e-05	1.04e-04
674	22	-0.01	-3.59e-04	-2.37e-03	0.0	-9.28e-05	1.35e-04
674	24	-0.01	-3.50e-04	-1.92e-03	0.0	-9.67e-05	1.35e-04
675	1	-0.02	-6.88e-04	2.12e-03	0.0	-1.61e-04	2.45e-04
675	4	-0.02	5.34e-04	-5.00e-03	0.0	-5.40e-05	1.66e-04
675	6	-0.05	5.21e-04	-4.68e-04	0.0	-3.12e-04	5.74e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
675	8	-4.34e-03	-2.71e-04	-3.15e-03	0.0	-1.17e-05	3.83e-05
675	11	-0.01	-6.44e-04	-2.18e-03	0.0	-4.85e-05	1.12e-04
675	14	-0.02	1.40e-04	-1.65e-03	0.0	-1.11e-04	2.18e-04
675	16	-0.01	-6.93e-06	-2.17e-03	0.0	-6.33e-05	1.35e-04
675	18	-0.02	1.57e-04	-1.85e-03	0.0	-9.53e-05	1.91e-04
675	21	-0.02	-5.29e-04	1.63e-03	0.0	-1.24e-04	1.88e-04
675	22	-0.02	1.09e-04	-2.35e-03	0.0	-8.20e-05	1.75e-04
675	23	-0.02	-5.29e-04	1.63e-03	0.0	-1.24e-04	1.88e-04
675	24	-0.02	3.77e-05	-1.91e-03	0.0	-8.66e-05	1.76e-04
676	1	-0.03	-9.89e-04	2.03e-03	0.0	-1.47e-04	3.15e-04
676	4	-0.02	1.47e-03	-4.93e-03	0.0	-4.22e-05	1.88e-04
676	6	-0.06	4.34e-04	-4.76e-04	0.0	-2.98e-04	7.13e-04
676	8	-4.53e-03	6.24e-04	-3.13e-03	0.0	0.0	4.14e-05
676	12	-0.02	8.29e-04	-2.32e-03	0.0	-5.72e-05	1.70e-04
676	14	-0.02	4.44e-04	-1.65e-03	0.0	-1.00e-04	2.67e-04
676	16	-0.02	4.90e-04	-2.16e-03	0.0	-5.17e-05	1.62e-04
676	20	-0.02	5.59e-04	-1.99e-03	0.0	-6.97e-05	2.01e-04
676	21	-0.02	-7.61e-04	1.56e-03	0.0	-1.13e-04	2.42e-04
676	22	-0.02	5.79e-04	-2.33e-03	0.0	-7.06e-05	2.10e-04
676	23	-0.02	-7.61e-04	1.56e-03	0.0	-1.13e-04	2.42e-04
676	24	-0.02	4.30e-04	-1.90e-03	0.0	-7.53e-05	2.13e-04
677	1	-0.03	-1.30e-03	1.97e-03	0.0	-1.31e-04	3.79e-04
677	4	-0.02	2.46e-03	-4.88e-03	0.0	-3.39e-05	2.06e-04
677	6	-0.08	3.74e-04	-4.78e-04	0.0	-2.82e-04	8.46e-04
677	8	-4.27e-03	1.54e-03	-3.13e-03	0.0	1.08e-05	3.97e-05
677	14	-0.03	7.71e-04	-1.65e-03	0.0	-8.96e-05	3.11e-04
677	16	-0.02	1.01e-03	-2.16e-03	0.0	-4.15e-05	1.84e-04
677	20	-0.02	1.03e-03	-1.99e-03	0.0	-5.96e-05	2.31e-04
677	21	-0.03	-1.00e-03	1.51e-03	0.0	-1.01e-04	2.92e-04
677	22	-0.02	1.08e-03	-2.32e-03	0.0	-6.06e-05	2.40e-04
677	23	-0.03	-1.00e-03	1.51e-03	0.0	-1.01e-04	2.92e-04
677	24	-0.02	8.46e-04	-1.90e-03	0.0	-6.50e-05	2.46e-04
678	1	-0.04	-1.65e-03	1.92e-03	0.0	-1.17e-04	4.37e-04
678	4	-0.02	3.57e-03	-4.86e-03	0.0	-2.87e-05	2.21e-04
678	6	-0.09	3.39e-04	-4.78e-04	0.0	-2.68e-04	9.72e-04
678	8	-3.65e-03	2.52e-03	-3.16e-03	0.0	1.76e-05	3.43e-05
678	14	-0.03	1.14e-03	-1.65e-03	0.0	-8.15e-05	3.50e-04
678	16	-0.02	1.58e-03	-2.17e-03	0.0	-3.41e-05	2.02e-04
678	21	-0.03	-1.27e-03	1.48e-03	0.0	-8.99e-05	3.36e-04
678	22	-0.02	1.63e-03	-2.33e-03	0.0	-5.32e-05	2.67e-04
678	23	-0.03	-1.27e-03	1.48e-03	0.0	-8.99e-05	3.36e-04
678	24	-0.02	1.31e-03	-1.90e-03	0.0	-5.72e-05	2.75e-04
679	1	-0.04	-2.09e-03	1.92e-03	0.0	-1.08e-04	4.90e-04
679	4	-0.02	4.89e-03	-4.92e-03	0.0	-2.63e-05	2.34e-04
679	6	-0.10	3.34e-04	-4.79e-04	0.0	-2.60e-04	1.09e-03
679	8	-2.84e-03	3.64e-03	-3.24e-03	0.0	2.11e-05	2.67e-05
679	14	-0.03	1.58e-03	-1.68e-03	0.0	-7.70e-05	3.87e-04
679	16	-0.02	2.24e-03	-2.21e-03	0.0	-3.01e-05	2.18e-04
679	21	-0.03	-1.61e-03	1.47e-03	0.0	-8.34e-05	3.77e-04
679	22	-0.03	2.29e-03	-2.36e-03	0.0	-4.92e-05	2.91e-04
679	23	-0.03	-1.61e-03	1.47e-03	0.0	-8.34e-05	3.77e-04
679	24	-0.03	1.85e-03	-1.93e-03	0.0	-5.30e-05	3.00e-04
680	1	-0.05	-2.72e-03	1.98e-03	0.0	-1.07e-04	5.41e-04
680	4	-0.02	6.65e-03	-5.13e-03	0.0	-2.64e-05	2.46e-04
680	6	-0.11	3.81e-04	-4.90e-04	0.0	-2.60e-04	1.21e-03
680	8	-1.95e-03	5.02e-03	-3.43e-03	0.0	2.18e-05	1.77e-05
680	14	-0.04	2.18e-03	-1.75e-03	0.0	-7.65e-05	4.22e-04
680	16	-0.02	3.10e-03	-2.32e-03	0.0	-2.94e-05	2.32e-04
680	21	-0.04	-2.09e-03	1.52e-03	0.0	-8.20e-05	4.16e-04
680	22	-0.03	3.15e-03	-2.47e-03	0.0	-4.86e-05	3.14e-04
680	23	-0.04	-2.09e-03	1.52e-03	0.0	-8.20e-05	4.16e-04
680	24	-0.03	2.57e-03	-2.02e-03	0.0	-5.23e-05	3.25e-04
681	1	-0.05	-3.69e-03	2.11e-03	0.0	-1.11e-04	5.63e-04
681	4	-0.02	9.22e-03	-5.48e-03	0.0	-2.81e-05	2.51e-04
681	6	-0.12	5.23e-04	-5.05e-04	0.0	-2.68e-04	1.26e-03
681	8	-1.07e-03	6.89e-03	-3.71e-03	0.0	2.12e-05	1.36e-05
681	14	-0.04	3.04e-03	-1.87e-03	0.0	-7.94e-05	4.39e-04
681	16	-0.02	4.30e-03	-2.49e-03	0.0	-3.11e-05	2.38e-04
681	21	-0.04	-2.84e-03	1.63e-03	0.0	-8.50e-05	4.33e-04
681	22	-0.03	4.40e-03	-2.64e-03	0.0	-5.09e-05	3.24e-04
681	23	-0.04	-2.84e-03	1.63e-03	0.0	-8.50e-05	4.33e-04
681	24	-0.03	3.60e-03	-2.16e-03	0.0	-5.47e-05	3.36e-04
682	2	-8.91e-03	-3.63e-03	-7.94e-03	0.0	-1.98e-04	5.41e-05
682	4	-7.59e-03	-3.82e-03	-8.90e-03	0.0	-1.66e-04	4.48e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
682	6	-0.02	1.58e-03	-3.78e-04	0.0	-4.07e-04	1.40e-04
682	7	-2.34e-04	-4.94e-03	-5.68e-03	0.0	-5.37e-05	-9.88e-06
682	8	-4.63e-04	-4.82e-03	-5.78e-03	0.0	-5.86e-05	-7.98e-06
682	14	-7.60e-03	-1.13e-03	-2.75e-03	0.0	-1.65e-04	5.04e-05
682	15	-4.60e-03	-2.38e-03	-3.76e-03	0.0	-1.12e-04	2.65e-05
682	16	-4.64e-03	-2.35e-03	-3.79e-03	0.0	-1.13e-04	2.68e-05
682	22	-6.31e-03	-2.05e-03	-4.06e-03	0.0	-1.42e-04	3.93e-05
682	24	-6.10e-03	-1.75e-03	-3.25e-03	0.0	-1.38e-04	3.84e-05
683	2	-0.02	-2.11e-03	-7.75e-03	0.0	-1.79e-04	1.07e-04
683	4	-0.01	-2.12e-03	-8.65e-03	0.0	-1.30e-04	8.82e-05
683	6	-0.04	1.21e-03	-4.73e-04	0.0	-4.50e-04	2.61e-04
683	7	-2.34e-03	-3.41e-03	-5.54e-03	0.0	-4.48e-05	1.34e-06
683	8	-2.80e-03	-3.21e-03	-5.65e-03	0.0	-5.12e-05	5.12e-06
683	14	-0.01	-6.68e-04	-2.73e-03	0.0	-1.77e-04	9.73e-05
683	15	-9.33e-03	-1.56e-03	-3.71e-03	0.0	-1.15e-04	5.67e-05
683	16	-9.40e-03	-1.52e-03	-3.73e-03	0.0	-1.16e-04	5.73e-05
683	22	-0.01	-1.26e-03	-3.99e-03	0.0	-1.43e-04	7.86e-05
683	24	-0.01	-1.11e-03	-3.22e-03	0.0	-1.46e-04	7.70e-05
684	2	-0.02	-7.48e-04	-7.61e-03	0.0	-1.56e-04	1.54e-04
684	4	-0.02	-6.27e-04	-8.46e-03	0.0	-1.02e-04	1.21e-04
684	6	-0.06	9.51e-04	-5.41e-04	0.0	-4.61e-04	3.88e-04
684	7	-3.86e-03	-2.06e-03	-5.44e-03	0.0	-2.78e-05	9.83e-06
684	8	-4.60e-03	-1.76e-03	-5.56e-03	0.0	-3.56e-05	1.60e-05
684	14	-0.02	-2.30e-04	-2.73e-03	0.0	-1.73e-04	1.45e-04
684	15	-0.01	-8.14e-04	-3.67e-03	0.0	-1.06e-04	8.63e-05
684	16	-0.01	-7.50e-04	-3.69e-03	0.0	-1.07e-04	8.73e-05
684	22	-0.02	-5.37e-04	-3.95e-03	0.0	-1.34e-04	1.17e-04
684	24	-0.02	-5.22e-04	-3.20e-03	0.0	-1.39e-04	1.16e-04
685	1	-0.03	-9.99e-04	3.49e-03	0.0	-2.33e-04	2.07e-04
685	4	-0.02	7.71e-04	-8.32e-03	0.0	-7.92e-05	1.48e-04
685	6	-0.07	7.70e-04	-5.85e-04	0.0	-4.52e-04	5.16e-04
685	8	-5.68e-03	-4.09e-04	-5.51e-03	0.0	-1.73e-05	2.32e-05
685	11	-0.02	-9.63e-04	-3.62e-03	0.0	-6.98e-05	9.08e-05
685	14	-0.03	2.05e-04	-2.73e-03	0.0	-1.61e-04	1.92e-04
685	16	-0.02	-1.44e-05	-3.68e-03	0.0	-9.20e-05	1.15e-04
685	18	-0.03	2.29e-04	-3.09e-03	0.0	-1.39e-04	1.67e-04
685	21	-0.02	-7.69e-04	2.68e-03	0.0	-1.79e-04	1.59e-04
685	22	-0.02	1.55e-04	-3.92e-03	0.0	-1.19e-04	1.52e-04
685	23	-0.02	-7.69e-04	2.68e-03	0.0	-1.79e-04	1.59e-04
685	24	-0.02	5.25e-05	-3.19e-03	0.0	-1.26e-04	1.53e-04
686	1	-0.04	-1.45e-03	3.36e-03	0.0	-2.15e-04	2.71e-04
686	4	-0.02	2.16e-03	-8.24e-03	0.0	-6.21e-05	1.68e-04
686	6	-0.09	6.41e-04	-6.12e-04	0.0	-4.33e-04	6.43e-04
686	8	-6.01e-03	9.24e-04	-5.49e-03	0.0	0.0	2.62e-05
686	12	-0.02	1.23e-03	-4.01e-03	0.0	-8.42e-05	1.47e-04
686	14	-0.03	6.55e-04	-2.73e-03	0.0	-1.46e-04	2.36e-04
686	16	-0.02	7.23e-04	-3.67e-03	0.0	-7.60e-05	1.40e-04
686	20	-0.03	8.26e-04	-3.38e-03	0.0	-1.02e-04	1.76e-04
686	21	-0.03	-1.11e-03	2.58e-03	0.0	-1.65e-04	2.08e-04
686	22	-0.03	8.54e-04	-3.91e-03	0.0	-1.03e-04	1.84e-04
686	23	-0.03	-1.11e-03	2.58e-03	0.0	-1.65e-04	2.08e-04
686	24	-0.03	6.35e-04	-3.19e-03	0.0	-1.10e-04	1.87e-04
687	1	-0.05	-1.91e-03	3.27e-03	0.0	-1.92e-04	3.30e-04
687	4	-0.03	3.63e-03	-8.20e-03	0.0	-4.99e-05	1.85e-04
687	6	-0.11	5.50e-04	-6.30e-04	0.0	-4.10e-04	7.64e-04
687	8	-5.68e-03	2.29e-03	-5.51e-03	0.0	1.42e-05	2.53e-05
687	14	-0.04	1.14e-03	-2.74e-03	0.0	-1.31e-04	2.77e-04
687	16	-0.02	1.49e-03	-3.69e-03	0.0	-6.16e-05	1.60e-04
687	20	-0.03	1.52e-03	-3.39e-03	0.0	-8.78e-05	2.04e-04
687	21	-0.04	-1.47e-03	2.52e-03	0.0	-1.48e-04	2.54e-04
687	22	-0.03	1.59e-03	-3.91e-03	0.0	-8.90e-05	2.13e-04
687	23	-0.04	-1.47e-03	2.52e-03	0.0	-1.48e-04	2.54e-04
687	24	-0.03	1.25e-03	-3.20e-03	0.0	-9.56e-05	2.17e-04
688	1	-0.06	-2.43e-03	3.22e-03	0.0	-1.72e-04	3.84e-04
688	4	-0.03	5.26e-03	-8.22e-03	0.0	-4.22e-05	1.99e-04
688	6	-0.13	4.94e-04	-6.44e-04	0.0	-3.90e-04	8.79e-04
688	8	-4.86e-03	3.74e-03	-5.58e-03	0.0	2.40e-05	2.12e-05
688	14	-0.05	1.68e-03	-2.77e-03	0.0	-1.19e-04	3.14e-04
688	16	-0.03	2.34e-03	-3.72e-03	0.0	-5.08e-05	1.77e-04
688	21	-0.04	-1.87e-03	2.48e-03	0.0	-1.32e-04	2.96e-04
688	22	-0.03	2.41e-03	-3.94e-03	0.0	-7.82e-05	2.38e-04
688	23	-0.04	-1.87e-03	2.48e-03	0.0	-1.32e-04	2.96e-04
688	24	-0.04	1.93e-03	-3.23e-03	0.0	-8.43e-05	2.44e-04
689	1	-0.06	-3.07e-03	3.23e-03	0.0	-1.59e-04	4.33e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
689	4	-0.03	7.17e-03	-8.34e-03	0.0	-3.84e-05	2.11e-04
689	6	-0.14	4.78e-04	-6.58e-04	0.0	-3.76e-04	9.88e-04
689	8	-3.75e-03	5.37e-03	-5.70e-03	0.0	2.91e-05	1.50e-05
689	14	-0.05	2.32e-03	-2.82e-03	0.0	-1.12e-04	3.47e-04
689	16	-0.03	3.30e-03	-3.80e-03	0.0	-4.46e-05	1.92e-04
689	21	-0.05	-2.36e-03	2.48e-03	0.0	-1.22e-04	3.33e-04
689	22	-0.04	3.36e-03	-4.01e-03	0.0	-7.19e-05	2.60e-04
689	23	-0.05	-2.36e-03	2.48e-03	0.0	-1.22e-04	3.33e-04
689	24	-0.04	2.73e-03	-3.29e-03	0.0	-7.75e-05	2.68e-04
690	1	-0.07	-3.90e-03	3.30e-03	0.0	-1.55e-04	4.81e-04
690	4	-0.03	9.56e-03	-8.57e-03	0.0	-3.81e-05	2.22e-04
690	6	-0.16	5.15e-04	-6.75e-04	0.0	-3.73e-04	1.10e-03
690	8	-2.52e-03	7.28e-03	-5.90e-03	0.0	3.03e-05	7.49e-06
690	14	-0.05	3.12e-03	-2.90e-03	0.0	-1.10e-04	3.80e-04
690	16	-0.03	4.47e-03	-3.92e-03	0.0	-4.31e-05	2.06e-04
690	21	-0.05	-3.00e-03	2.54e-03	0.0	-1.19e-04	3.70e-04
690	22	-0.04	4.54e-03	-4.13e-03	0.0	-7.05e-05	2.81e-04
690	23	-0.05	-3.00e-03	2.54e-03	0.0	-1.19e-04	3.70e-04
690	24	-0.04	3.70e-03	-3.39e-03	0.0	-7.59e-05	2.91e-04
691	1	-0.08	-5.03e-03	3.42e-03	0.0	-1.59e-04	5.03e-04
691	4	-0.03	0.01	-8.90e-03	0.0	-4.03e-05	2.28e-04
691	6	-0.17	6.21e-04	-6.88e-04	0.0	-3.82e-04	1.15e-03
691	8	-1.32e-03	9.60e-03	-6.18e-03	0.0	2.94e-05	3.73e-06
691	14	-0.06	4.15e-03	-3.02e-03	0.0	-1.14e-04	3.96e-04
691	16	-0.03	5.93e-03	-4.08e-03	0.0	-4.52e-05	2.12e-04
691	21	-0.06	-3.87e-03	2.63e-03	0.0	-1.22e-04	3.87e-04
691	22	-0.04	6.03e-03	-4.29e-03	0.0	-7.32e-05	2.91e-04
691	23	-0.06	-3.87e-03	2.63e-03	0.0	-1.22e-04	3.87e-04
691	24	-0.04	4.93e-03	-3.52e-03	0.0	-7.86e-05	3.02e-04
692	2	-0.01	-4.63e-03	-0.01	0.0	-2.49e-04	4.34e-05
692	4	-9.43e-03	-4.83e-03	-0.01	0.0	-2.10e-04	3.62e-05
692	6	-0.03	1.96e-03	-3.88e-04	0.0	-5.15e-04	1.24e-04
692	7	3.32e-04	-6.35e-03	-8.39e-03	0.0	-6.36e-05	-1.72e-05
692	8	2.94e-05	-6.20e-03	-8.60e-03	0.0	-7.01e-05	-1.53e-05
692	14	-9.51e-03	-1.46e-03	-3.94e-03	0.0	-2.06e-04	4.20e-05
692	15	-5.54e-03	-3.06e-03	-5.47e-03	0.0	-1.39e-04	1.91e-05
692	16	-5.59e-03	-3.03e-03	-5.52e-03	0.0	-1.40e-04	1.94e-05
692	22	-7.80e-03	-2.63e-03	-5.85e-03	0.0	-1.78e-04	3.14e-05
692	24	-7.52e-03	-2.26e-03	-4.70e-03	0.0	-1.73e-04	3.06e-05
693	2	-0.02	-2.73e-03	-0.01	0.0	-2.27e-04	8.86e-05
693	4	-0.02	-2.73e-03	-0.01	0.0	-1.66e-04	7.35e-05
693	6	-0.05	1.55e-03	-4.95e-04	0.0	-5.71e-04	2.28e-04
693	7	-2.18e-03	-4.44e-03	-8.26e-03	0.0	-5.37e-05	-9.80e-06
693	8	-2.78e-03	-4.18e-03	-8.47e-03	0.0	-6.24e-05	-6.04e-06
693	14	-0.02	-8.74e-04	-3.93e-03	0.0	-2.23e-04	8.15e-05
693	15	-0.01	-2.03e-03	-5.43e-03	0.0	-1.44e-04	4.37e-05
693	16	-0.01	-1.98e-03	-5.47e-03	0.0	-1.45e-04	4.43e-05
693	22	-0.02	-1.64e-03	-5.79e-03	0.0	-1.81e-04	6.42e-05
693	24	-0.01	-1.45e-03	-4.68e-03	0.0	-1.83e-04	6.26e-05
694	2	-0.03	-9.83e-04	-0.01	0.0	-1.99e-04	1.28e-04
694	4	-0.02	-8.25e-04	-0.01	0.0	-1.30e-04	1.02e-04
694	6	-0.07	1.24e-03	-5.80e-04	0.0	-5.87e-04	3.37e-04
694	7	-4.00e-03	-2.70e-03	-8.16e-03	0.0	-3.36e-05	-4.28e-06
694	8	-5.00e-03	-2.31e-03	-8.38e-03	0.0	-4.41e-05	1.90e-06
694	14	-0.03	-3.03e-04	-3.94e-03	0.0	-2.20e-04	1.22e-04
694	15	-0.02	-1.07e-03	-5.39e-03	0.0	-1.33e-04	6.83e-05
694	16	-0.02	-9.84e-04	-5.44e-03	0.0	-1.35e-04	6.92e-05
694	22	-0.02	-7.05e-04	-5.75e-03	0.0	-1.70e-04	9.63e-05
694	24	-0.02	-6.86e-04	-4.66e-03	0.0	-1.77e-04	9.53e-05
695	1	-0.04	-1.30e-03	4.98e-03	0.0	-2.96e-04	1.68e-04
695	4	-0.03	9.99e-04	-0.01	0.0	-1.02e-04	1.26e-04
695	6	-0.09	1.01e-03	-6.45e-04	0.0	-5.78e-04	4.49e-04
695	8	-6.35e-03	-5.39e-04	-8.33e-03	0.0	-2.21e-05	7.32e-06
695	11	-0.02	-1.28e-03	-5.25e-03	0.0	-8.75e-05	6.76e-05
695	14	-0.04	2.68e-04	-3.94e-03	0.0	-2.06e-04	1.63e-04
695	16	-0.02	-2.11e-05	-5.43e-03	0.0	-1.18e-04	9.29e-05
695	18	-0.03	2.99e-04	-4.52e-03	0.0	-1.77e-04	1.40e-04
695	21	-0.03	-9.98e-04	3.83e-03	0.0	-2.28e-04	1.29e-04
695	22	-0.03	2.00e-04	-5.72e-03	0.0	-1.52e-04	1.27e-04
695	23	-0.03	-9.98e-04	3.83e-03	0.0	-2.28e-04	1.29e-04
695	24	-0.03	6.68e-05	-4.66e-03	0.0	-1.61e-04	1.27e-04
696	1	-0.05	-1.88e-03	4.82e-03	0.0	-2.75e-04	2.22e-04
696	4	-0.03	2.82e-03	-0.01	0.0	-8.03e-05	1.44e-04
696	6	-0.12	8.38e-04	-6.91e-04	0.0	-5.55e-04	5.60e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
696	8	-6.80e-03	1.21e-03	-8.32e-03	0.0	0.0	9.56e-06
696	12	-0.03	1.61e-03	-6.02e-03	0.0	-1.09e-04	1.21e-04
696	14	-0.04	8.58e-04	-3.96e-03	0.0	-1.87e-04	2.01e-04
696	16	-0.03	9.47e-04	-5.44e-03	0.0	-9.80e-05	1.14e-04
696	20	-0.03	1.08e-03	-4.98e-03	0.0	-1.32e-04	1.47e-04
696	21	-0.04	-1.45e-03	3.71e-03	0.0	-2.12e-04	1.71e-04
696	22	-0.03	1.12e-03	-5.72e-03	0.0	-1.33e-04	1.55e-04
696	23	-0.04	-1.45e-03	3.71e-03	0.0	-2.12e-04	1.71e-04
696	24	-0.04	8.31e-04	-4.67e-03	0.0	-1.42e-04	1.57e-04
697	1	-0.06	-2.48e-03	4.72e-03	0.0	-2.48e-04	2.75e-04
697	4	-0.03	4.74e-03	-0.01	0.0	-6.47e-05	1.59e-04
697	6	-0.14	7.16e-04	-7.26e-04	0.0	-5.27e-04	6.66e-04
697	8	-6.43e-03	3.00e-03	-8.36e-03	0.0	1.69e-05	8.67e-06
697	14	-0.05	1.49e-03	-3.98e-03	0.0	-1.69e-04	2.37e-04
697	16	-0.03	1.96e-03	-5.46e-03	0.0	-8.01e-05	1.32e-04
697	20	-0.04	1.99e-03	-5.01e-03	0.0	-1.14e-04	1.72e-04
697	21	-0.05	-1.91e-03	3.63e-03	0.0	-1.91e-04	2.11e-04
697	22	-0.04	2.08e-03	-5.73e-03	0.0	-1.15e-04	1.80e-04
697	23	-0.05	-1.91e-03	3.63e-03	0.0	-1.91e-04	2.11e-04
697	24	-0.04	1.64e-03	-4.69e-03	0.0	-1.23e-04	1.83e-04
698	1	-0.07	-3.15e-03	4.66e-03	0.0	-2.23e-04	3.22e-04
698	4	-0.04	6.85e-03	-0.01	0.0	-5.46e-05	1.71e-04
698	6	-0.16	6.37e-04	-7.54e-04	0.0	-5.00e-04	7.68e-04
698	8	-5.45e-03	4.90e-03	-8.44e-03	0.0	2.92e-05	5.16e-06
698	14	-0.06	2.19e-03	-4.02e-03	0.0	-1.54e-04	2.69e-04
698	16	-0.03	3.05e-03	-5.52e-03	0.0	-6.64e-05	1.48e-04
698	21	-0.06	-2.43e-03	3.59e-03	0.0	-1.71e-04	2.48e-04
698	22	-0.04	3.14e-03	-5.78e-03	0.0	-1.01e-04	2.02e-04
698	23	-0.06	-2.43e-03	3.59e-03	0.0	-1.71e-04	2.48e-04
698	24	-0.05	2.52e-03	-4.74e-03	0.0	-1.09e-04	2.07e-04
699	1	-0.08	-3.95e-03	4.67e-03	0.0	-2.05e-04	3.66e-04
699	4	-0.04	9.26e-03	-0.01	0.0	-4.94e-05	1.82e-04
699	6	-0.18	6.00e-04	-7.77e-04	0.0	-4.81e-04	8.64e-04
699	8	-4.09e-03	6.98e-03	-8.58e-03	0.0	3.59e-05	0.0
699	14	-0.06	3.00e-03	-4.09e-03	0.0	-1.44e-04	2.99e-04
699	16	-0.04	4.28e-03	-5.60e-03	0.0	-5.82e-05	1.61e-04
699	21	-0.06	-3.04e-03	3.59e-03	0.0	-1.58e-04	2.82e-04
699	22	-0.05	4.34e-03	-5.86e-03	0.0	-9.28e-05	2.22e-04
699	23	-0.06	-3.04e-03	3.59e-03	0.0	-1.58e-04	2.82e-04
699	24	-0.05	3.52e-03	-4.81e-03	0.0	-1.00e-04	2.28e-04
700	1	-0.09	-4.93e-03	4.73e-03	0.0	-1.99e-04	4.09e-04
700	4	-0.04	0.01	-0.01	0.0	-4.87e-05	1.92e-04
700	6	-0.20	6.11e-04	-7.97e-04	0.0	-4.76e-04	9.62e-04
700	8	-2.58e-03	9.34e-03	-8.78e-03	0.0	3.77e-05	-6.82e-06
700	14	-0.07	3.96e-03	-4.17e-03	0.0	-1.41e-04	3.29e-04
700	16	-0.04	5.70e-03	-5.73e-03	0.0	-5.58e-05	1.73e-04
700	21	-0.07	-3.80e-03	3.64e-03	0.0	-1.53e-04	3.15e-04
700	22	-0.05	5.76e-03	-5.98e-03	0.0	-9.05e-05	2.41e-04
700	23	-0.07	-3.80e-03	3.64e-03	0.0	-1.53e-04	3.15e-04
700	24	-0.05	4.70e-03	-4.91e-03	0.0	-9.75e-05	2.49e-04
701	1	-0.10	-6.18e-03	4.83e-03	0.0	-2.04e-04	4.29e-04
701	4	-0.04	0.02	-0.01	0.0	-5.14e-05	1.97e-04
701	6	-0.22	6.73e-04	-8.08e-04	0.0	-4.86e-04	1.01e-03
701	8	-1.08e-03	0.01	-9.03e-03	0.0	3.66e-05	-1.02e-05
701	14	-0.07	5.11e-03	-4.27e-03	0.0	-1.45e-04	3.43e-04
701	16	-0.04	7.37e-03	-5.87e-03	0.0	-5.82e-05	1.79e-04
701	21	-0.07	-4.75e-03	3.72e-03	0.0	-1.57e-04	3.30e-04
701	22	-0.06	7.45e-03	-6.13e-03	0.0	-9.35e-05	2.50e-04
701	23	-0.07	-4.75e-03	3.72e-03	0.0	-1.57e-04	3.30e-04
701	24	-0.06	6.09e-03	-5.03e-03	0.0	-1.01e-04	2.59e-04
702	2	-0.01	-5.51e-03	-0.02	0.0	-2.91e-04	3.30e-05
702	4	-0.01	-5.70e-03	-0.02	0.0	-2.47e-04	2.76e-05
702	6	-0.03	2.28e-03	-3.72e-04	0.0	-6.05e-04	1.07e-04
702	7	1.19e-03	-7.64e-03	-0.01	0.0	-6.95e-05	-2.38e-05
702	8	8.16e-04	-7.45e-03	-0.01	0.0	-7.77e-05	-2.19e-05
702	14	-0.01	-1.78e-03	-5.25e-03	0.0	-2.41e-04	3.40e-05
702	15	-6.18e-03	-3.70e-03	-7.39e-03	0.0	-1.60e-04	1.22e-05
702	16	-6.24e-03	-3.66e-03	-7.47e-03	0.0	-1.61e-04	1.25e-05
702	22	-8.95e-03	-3.16e-03	-7.83e-03	0.0	-2.07e-04	2.37e-05
702	24	-8.63e-03	-2.74e-03	-6.32e-03	0.0	-2.00e-04	2.31e-05
703	2	-0.02	-3.28e-03	-0.01	0.0	-2.66e-04	6.91e-05
703	4	-0.02	-3.27e-03	-0.02	0.0	-1.96e-04	5.79e-05
703	6	-0.06	1.84e-03	-4.86e-04	0.0	-6.73e-04	1.92e-04
703	7	-1.56e-03	-5.39e-03	-0.01	0.0	-5.89e-05	-2.01e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
703	8	-2.32e-03	-5.06e-03	-0.01	0.0	-6.99e-05	-1.63e-05
703	14	-0.02	-1.07e-03	-5.26e-03	0.0	-2.61e-04	6.56e-05
703	15	-0.01	-2.47e-03	-7.35e-03	0.0	-1.67e-04	3.11e-05
703	16	-0.01	-2.40e-03	-7.43e-03	0.0	-1.68e-04	3.17e-05
703	22	-0.02	-1.98e-03	-7.77e-03	0.0	-2.11e-04	4.97e-05
703	24	-0.02	-1.77e-03	-6.30e-03	0.0	-2.14e-04	4.84e-05
704	2	-0.03	-1.19e-03	-0.01	0.0	-2.35e-04	1.01e-04
704	4	-0.03	-9.89e-04	-0.02	0.0	-1.55e-04	8.16e-05
704	6	-0.08	1.49e-03	-5.83e-04	0.0	-6.94e-04	2.83e-04
704	7	-3.56e-03	-3.29e-03	-0.01	0.0	-3.65e-05	-1.78e-05
704	8	-4.82e-03	-2.82e-03	-0.01	0.0	-4.99e-05	-1.15e-05
704	14	-0.03	-3.71e-04	-5.27e-03	0.0	-2.59e-04	9.86e-05
704	15	-0.02	-1.30e-03	-7.33e-03	0.0	-1.56e-04	5.02e-05
704	16	-0.02	-1.20e-03	-7.41e-03	0.0	-1.58e-04	5.12e-05
704	22	-0.03	-8.59e-04	-7.74e-03	0.0	-2.00e-04	7.54e-05
704	24	-0.03	-8.37e-04	-6.30e-03	0.0	-2.07e-04	7.44e-05
705	1	-0.05	-1.59e-03	6.56e-03	0.0	-3.48e-04	1.29e-04
705	4	-0.03	1.22e-03	-0.02	0.0	-1.22e-04	1.01e-04
705	6	-0.11	1.23e-03	-6.61e-04	0.0	-6.85e-04	3.76e-04
705	8	-6.35e-03	-6.58e-04	-0.01	0.0	-2.51e-05	-8.38e-06
705	11	-0.02	-1.58e-03	-7.05e-03	0.0	-1.01e-04	4.35e-05
705	14	-0.04	3.26e-04	-5.29e-03	0.0	-2.44e-04	1.32e-04
705	16	-0.03	-2.64e-05	-7.40e-03	0.0	-1.39e-04	7.00e-05
705	18	-0.04	3.65e-04	-6.13e-03	0.0	-2.10e-04	1.12e-04
705	21	-0.04	-1.22e-03	5.04e-03	0.0	-2.68e-04	9.94e-05
705	22	-0.03	2.43e-04	-7.72e-03	0.0	-1.80e-04	1.00e-04
705	23	-0.04	-1.22e-03	5.04e-03	0.0	-2.68e-04	9.94e-05
705	24	-0.03	8.05e-05	-6.30e-03	0.0	-1.90e-04	1.00e-04
706	1	-0.06	-2.29e-03	6.37e-03	0.0	-3.26e-04	1.74e-04
706	4	-0.04	3.45e-03	-0.02	0.0	-9.61e-05	1.16e-04
706	6	-0.14	1.02e-03	-7.23e-04	0.0	-6.60e-04	4.68e-04
706	8	-6.86e-03	1.48e-03	-0.01	0.0	0.0	-7.57e-06
706	12	-0.03	1.97e-03	-8.30e-03	0.0	-1.30e-04	9.36e-05
706	14	-0.05	1.05e-03	-5.31e-03	0.0	-2.23e-04	1.63e-04
706	16	-0.03	1.16e-03	-7.42e-03	0.0	-1.17e-04	8.70e-05
706	20	-0.04	1.32e-03	-6.78e-03	0.0	-1.57e-04	1.16e-04
706	21	-0.05	-1.76e-03	4.90e-03	0.0	-2.51e-04	1.33e-04
706	22	-0.04	1.36e-03	-7.73e-03	0.0	-1.58e-04	1.23e-04
706	23	-0.05	-1.76e-03	4.90e-03	0.0	-2.51e-04	1.33e-04
706	24	-0.04	1.01e-03	-6.32e-03	0.0	-1.68e-04	1.24e-04
707	1	-0.07	-3.02e-03	6.25e-03	0.0	-2.96e-04	2.16e-04
707	4	-0.04	5.77e-03	-0.02	0.0	-7.74e-05	1.29e-04
707	6	-0.16	8.69e-04	-7.71e-04	0.0	-6.27e-04	5.58e-04
707	8	-6.45e-03	3.67e-03	-0.01	0.0	1.95e-05	-9.11e-06
707	14	-0.06	1.81e-03	-5.35e-03	0.0	-2.02e-04	1.93e-04
707	16	-0.04	2.39e-03	-7.46e-03	0.0	-9.59e-05	1.02e-04
707	20	-0.04	2.43e-03	-6.82e-03	0.0	-1.36e-04	1.37e-04
707	21	-0.06	-2.32e-03	4.81e-03	0.0	-2.27e-04	1.66e-04
707	22	-0.05	2.54e-03	-7.75e-03	0.0	-1.37e-04	1.44e-04
707	23	-0.06	-2.32e-03	4.81e-03	0.0	-2.27e-04	1.66e-04
707	24	-0.05	2.00e-03	-6.36e-03	0.0	-1.47e-04	1.46e-04
708	1	-0.08	-3.82e-03	6.19e-03	0.0	-2.66e-04	2.56e-04
708	4	-0.04	8.30e-03	-0.02	0.0	-6.52e-05	1.39e-04
708	6	-0.19	7.62e-04	-8.09e-04	0.0	-5.96e-04	6.44e-04
708	8	-5.32e-03	5.97e-03	-0.01	0.0	3.40e-05	-1.27e-05
708	14	-0.07	2.66e-03	-5.40e-03	0.0	-1.84e-04	2.20e-04
708	16	-0.04	3.71e-03	-7.52e-03	0.0	-7.98e-05	1.14e-04
708	21	-0.06	-2.94e-03	4.76e-03	0.0	-2.05e-04	1.97e-04
708	22	-0.05	3.81e-03	-7.81e-03	0.0	-1.21e-04	1.62e-04
708	23	-0.06	-2.94e-03	4.76e-03	0.0	-2.05e-04	1.97e-04
708	24	-0.05	3.06e-03	-6.41e-03	0.0	-1.30e-04	1.66e-04
709	1	-0.09	-4.74e-03	6.19e-03	0.0	-2.46e-04	2.93e-04
709	4	-0.05	0.01	-0.02	0.0	-5.89e-05	1.47e-04
709	6	-0.21	6.99e-04	-8.39e-04	0.0	-5.73e-04	7.27e-04
709	8	-3.74e-03	8.46e-03	-0.01	0.0	4.20e-05	-1.78e-05
709	14	-0.07	3.60e-03	-5.47e-03	0.0	-1.72e-04	2.46e-04
709	16	-0.04	5.16e-03	-7.61e-03	0.0	-6.99e-05	1.25e-04
709	21	-0.07	-3.64e-03	4.76e-03	0.0	-1.89e-04	2.25e-04
709	22	-0.06	5.23e-03	-7.89e-03	0.0	-1.11e-04	1.79e-04
709	23	-0.07	-3.64e-03	4.76e-03	0.0	-1.89e-04	2.25e-04
709	24	-0.06	4.24e-03	-6.49e-03	0.0	-1.20e-04	1.84e-04
710	1	-0.10	-5.83e-03	6.24e-03	0.0	-2.38e-04	3.29e-04
710	4	-0.05	0.01	-0.02	0.0	-5.78e-05	1.56e-04
710	6	-0.24	6.78e-04	-8.60e-04	0.0	-5.66e-04	8.10e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
710	8	-1.97e-03	0.01	-0.01	0.0	4.45e-05	-2.41e-05
710	14	-0.08	4.69e-03	-5.55e-03	0.0	-1.69e-04	2.71e-04
710	16	-0.04	6.79e-03	-7.72e-03	0.0	-6.68e-05	1.36e-04
710	21	-0.08	-4.49e-03	4.80e-03	0.0	-1.83e-04	2.53e-04
710	22	-0.06	6.84e-03	-8.00e-03	0.0	-1.08e-04	1.95e-04
710	23	-0.08	-4.49e-03	4.80e-03	0.0	-1.83e-04	2.53e-04
710	24	-0.06	5.58e-03	-6.58e-03	0.0	-1.16e-04	2.01e-04
711	1	-0.11	-7.16e-03	6.32e-03	0.0	-2.42e-04	3.46e-04
711	4	-0.05	0.02	-0.02	0.0	-6.08e-05	1.60e-04
711	6	-0.26	6.95e-04	-8.69e-04	0.0	-5.77e-04	8.49e-04
711	8	-1.93e-04	0.01	-0.01	0.0	4.34e-05	-2.72e-05
711	14	-0.09	5.95e-03	-5.64e-03	0.0	-1.72e-04	2.83e-04
711	16	-0.05	8.66e-03	-7.86e-03	0.0	-6.93e-05	1.40e-04
711	21	-0.09	-5.51e-03	4.86e-03	0.0	-1.86e-04	2.66e-04
711	22	-0.06	8.70e-03	-8.13e-03	0.0	-1.11e-04	2.02e-04
711	23	-0.09	-5.51e-03	4.86e-03	0.0	-1.86e-04	2.66e-04
711	24	-0.07	7.13e-03	-6.69e-03	0.0	-1.19e-04	2.09e-04
712	2	-0.01	-6.29e-03	-0.02	0.0	-3.23e-04	2.27e-05
712	4	-0.01	-6.46e-03	-0.02	0.0	-2.75e-04	1.88e-05
712	6	-0.03	2.55e-03	-3.37e-04	0.0	-6.77e-04	8.98e-05
712	7	2.31e-03	-8.81e-03	-0.01	0.0	-7.17e-05	-2.96e-05
712	8	1.86e-03	-8.60e-03	-0.02	0.0	-8.16e-05	-2.78e-05
712	14	-0.01	-2.07e-03	-6.69e-03	0.0	-2.67e-04	2.63e-05
712	15	-6.55e-03	-4.28e-03	-9.49e-03	0.0	-1.75e-04	5.84e-06
712	16	-6.62e-03	-4.24e-03	-9.61e-03	0.0	-1.77e-04	6.12e-06
712	22	-9.79e-03	-3.64e-03	-9.97e-03	0.0	-2.29e-04	1.64e-05
712	24	-9.44e-03	-3.17e-03	-8.09e-03	0.0	-2.21e-04	1.60e-05
713	2	-0.03	-3.77e-03	-0.02	0.0	-2.97e-04	4.96e-05
713	4	-0.02	-3.73e-03	-0.02	0.0	-2.21e-04	4.17e-05
713	6	-0.06	2.09e-03	-4.53e-04	0.0	-7.54e-04	1.56e-04
713	7	-5.25e-04	-6.26e-03	-0.01	0.0	-6.05e-05	-2.95e-05
713	8	-1.44e-03	-5.88e-03	-0.02	0.0	-7.39e-05	-2.57e-05
713	14	-0.02	-1.25e-03	-6.70e-03	0.0	-2.90e-04	5.01e-05
713	15	-0.01	-2.87e-03	-9.46e-03	0.0	-1.84e-04	1.91e-05
713	16	-0.01	-2.79e-03	-9.58e-03	0.0	-1.86e-04	1.97e-05
713	22	-0.02	-2.30e-03	-9.93e-03	0.0	-2.35e-04	3.56e-05
713	24	-0.02	-2.06e-03	-8.08e-03	0.0	-2.37e-04	3.46e-05
714	2	-0.04	-1.37e-03	-0.02	0.0	-2.63e-04	7.38e-05
714	4	-0.03	-1.12e-03	-0.02	0.0	-1.75e-04	5.97e-05
714	6	-0.09	1.72e-03	-5.56e-04	0.0	-7.81e-04	2.27e-04
714	7	-2.57e-03	-3.84e-03	-0.01	0.0	-3.65e-05	-3.04e-05
714	8	-4.08e-03	-3.28e-03	-0.02	0.0	-5.28e-05	-2.40e-05
714	14	-0.04	-4.35e-04	-6.72e-03	0.0	-2.89e-04	7.49e-05
714	15	-0.02	-1.52e-03	-9.45e-03	0.0	-1.73e-04	3.26e-05
714	16	-0.02	-1.40e-03	-9.57e-03	0.0	-1.76e-04	3.36e-05
714	22	-0.03	-9.99e-04	-9.90e-03	0.0	-2.23e-04	5.46e-05
714	24	-0.03	-9.79e-04	-8.08e-03	0.0	-2.31e-04	5.38e-05
715	1	-0.05	-1.88e-03	8.17e-03	0.0	-3.89e-04	9.26e-05
715	4	-0.04	1.44e-03	-0.02	0.0	-1.37e-04	7.43e-05
715	6	-0.13	1.42e-03	-6.43e-04	0.0	-7.73e-04	3.00e-04
715	8	-5.70e-03	-7.66e-04	-0.02	0.0	-2.61e-05	-2.35e-05
715	11	-0.02	-1.87e-03	-9.00e-03	0.0	-1.08e-04	1.93e-05
715	14	-0.05	3.79e-04	-6.74e-03	0.0	-2.74e-04	1.00e-04
715	16	-0.03	-3.18e-05	-9.57e-03	0.0	-1.55e-04	4.71e-05
715	18	-0.04	4.26e-04	-7.88e-03	0.0	-2.36e-04	8.32e-05
715	21	-0.04	-1.45e-03	6.28e-03	0.0	-2.99e-04	7.13e-05
715	22	-0.04	2.84e-04	-9.89e-03	0.0	-2.02e-04	7.31e-05
715	23	-0.04	-1.45e-03	6.28e-03	0.0	-2.99e-04	7.13e-05
715	24	-0.04	9.17e-05	-8.10e-03	0.0	-2.13e-04	7.29e-05
716	1	-0.07	-2.68e-03	7.97e-03	0.0	-3.67e-04	1.26e-04
716	4	-0.04	4.02e-03	-0.02	0.0	-1.09e-04	8.60e-05
716	6	-0.16	1.18e-03	-7.14e-04	0.0	-7.45e-04	3.73e-04
716	8	-6.21e-03	1.74e-03	-0.02	0.0	0.0	-2.46e-05
716	12	-0.04	2.31e-03	-0.01	0.0	-1.47e-04	6.54e-05
716	14	-0.06	1.22e-03	-6.78e-03	0.0	-2.51e-04	1.24e-04
716	16	-0.03	1.35e-03	-9.59e-03	0.0	-1.31e-04	5.94e-05
716	20	-0.04	1.54e-03	-8.76e-03	0.0	-1.77e-04	8.44e-05
716	21	-0.05	-2.06e-03	6.13e-03	0.0	-2.82e-04	9.66e-05
716	22	-0.04	1.59e-03	-9.90e-03	0.0	-1.78e-04	9.02e-05
716	23	-0.05	-2.06e-03	6.13e-03	0.0	-2.82e-04	9.66e-05
716	24	-0.05	1.18e-03	-8.12e-03	0.0	-1.90e-04	9.09e-05
717	1	-0.08	-3.52e-03	7.84e-03	0.0	-3.34e-04	1.58e-04
717	4	-0.04	6.72e-03	-0.02	0.0	-8.75e-05	9.53e-05
717	6	-0.19	1.00e-03	-7.72e-04	0.0	-7.09e-04	4.44e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
717	8	-5.71e-03	4.29e-03	-0.02	0.0	2.28e-05	-2.73e-05
717	14	-0.07	2.11e-03	-6.82e-03	0.0	-2.28e-04	1.47e-04
717	16	-0.04	2.78e-03	-9.64e-03	0.0	-1.08e-04	7.02e-05
717	20	-0.05	2.84e-03	-8.80e-03	0.0	-1.54e-04	1.00e-04
717	21	-0.06	-2.71e-03	6.03e-03	0.0	-2.57e-04	1.21e-04
717	22	-0.05	2.95e-03	-9.94e-03	0.0	-1.55e-04	1.06e-04
717	23	-0.06	-2.71e-03	6.03e-03	0.0	-2.57e-04	1.21e-04
717	24	-0.05	2.32e-03	-8.16e-03	0.0	-1.66e-04	1.07e-04
718	1	-0.09	-4.42e-03	7.77e-03	0.0	-3.02e-04	1.88e-04
718	4	-0.05	9.61e-03	-0.02	0.0	-7.37e-05	1.03e-04
718	6	-0.21	8.69e-04	-8.17e-04	0.0	-6.75e-04	5.13e-04
718	8	-4.42e-03	6.96e-03	-0.02	0.0	3.89e-05	-3.16e-05
718	14	-0.08	3.07e-03	-6.87e-03	0.0	-2.08e-04	1.69e-04
718	16	-0.04	4.30e-03	-9.70e-03	0.0	-9.03e-05	7.95e-05
718	21	-0.07	-3.40e-03	5.98e-03	0.0	-2.32e-04	1.45e-04
718	22	-0.06	4.41e-03	-1.00e-02	0.0	-1.37e-04	1.20e-04
718	23	-0.07	-3.40e-03	5.98e-03	0.0	-2.32e-04	1.45e-04
718	24	-0.06	3.54e-03	-8.22e-03	0.0	-1.48e-04	1.22e-04
719	1	-0.10	-5.44e-03	7.76e-03	0.0	-2.79e-04	2.17e-04
719	4	-0.05	0.01	-0.02	0.0	-6.64e-05	1.09e-04
719	6	-0.24	7.77e-04	-8.50e-04	0.0	-6.49e-04	5.79e-04
719	8	-2.62e-03	9.81e-03	-0.02	0.0	4.81e-05	-3.70e-05
719	14	-0.08	4.14e-03	-6.94e-03	0.0	-1.95e-04	1.88e-04
719	16	-0.05	5.95e-03	-9.79e-03	0.0	-7.91e-05	8.74e-05
719	21	-0.08	-4.18e-03	5.97e-03	0.0	-2.14e-04	1.67e-04
719	22	-0.06	6.01e-03	-0.01	0.0	-1.26e-04	1.32e-04
719	23	-0.08	-4.18e-03	5.97e-03	0.0	-2.14e-04	1.67e-04
719	24	-0.06	4.88e-03	-8.30e-03	0.0	-1.35e-04	1.36e-04
720	1	-0.12	-6.61e-03	7.79e-03	0.0	-2.69e-04	2.44e-04
720	4	-0.05	0.02	-0.02	0.0	-6.50e-05	1.16e-04
720	6	-0.27	7.22e-04	-8.72e-04	0.0	-6.41e-04	6.46e-04
720	8	-5.86e-04	0.01	-0.02	0.0	5.11e-05	-4.34e-05
720	14	-0.09	5.34e-03	-7.02e-03	0.0	-1.91e-04	2.08e-04
720	16	-0.05	7.77e-03	-9.90e-03	0.0	-7.53e-05	9.48e-05
720	21	-0.09	-5.09e-03	5.99e-03	0.0	-2.07e-04	1.88e-04
720	22	-0.07	7.80e-03	-0.01	0.0	-1.22e-04	1.45e-04
720	23	-0.09	-5.09e-03	5.99e-03	0.0	-2.07e-04	1.88e-04
720	24	-0.07	6.37e-03	-8.38e-03	0.0	-1.31e-04	1.49e-04
721	1	-0.13	-7.99e-03	7.87e-03	0.0	-2.73e-04	2.57e-04
721	4	-0.06	0.02	-0.02	0.0	-6.82e-05	1.19e-04
721	6	-0.29	6.97e-04	-8.79e-04	0.0	-6.52e-04	6.77e-04
721	8	1.46e-03	0.02	-0.02	0.0	5.00e-05	-4.65e-05
721	14	-0.10	6.69e-03	-7.10e-03	0.0	-1.95e-04	2.17e-04
721	16	-0.05	9.81e-03	-0.01	0.0	-7.78e-05	9.82e-05
721	21	-0.10	-6.14e-03	6.05e-03	0.0	-2.10e-04	1.98e-04
721	22	-0.07	9.81e-03	-0.01	0.0	-1.25e-04	1.50e-04
721	23	-0.10	-6.14e-03	6.05e-03	0.0	-2.10e-04	1.98e-04
721	24	-0.08	8.04e-03	-8.48e-03	0.0	-1.35e-04	1.56e-04
722	2	-0.01	-6.98e-03	-0.02	0.0	-3.46e-04	1.27e-05
722	4	-0.01	-7.12e-03	-0.03	0.0	-2.96e-04	1.02e-05
722	6	-0.04	2.77e-03	-2.83e-04	0.0	-7.32e-04	7.29e-05
722	7	3.66e-03	-9.88e-03	-0.02	0.0	-7.05e-05	-3.49e-05
722	8	3.14e-03	-9.65e-03	-0.02	0.0	-8.20e-05	-3.31e-05
722	14	-0.01	-2.34e-03	-8.23e-03	0.0	-2.86e-04	1.88e-05
722	15	-6.66e-03	-4.81e-03	-0.01	0.0	-1.85e-04	0.0
722	16	-6.74e-03	-4.77e-03	-0.01	0.0	-1.87e-04	0.0
722	22	-0.01	-4.08e-03	-0.01	0.0	-2.44e-04	9.45e-06
722	24	-9.96e-03	-3.58e-03	-9.99e-03	0.0	-2.36e-04	9.33e-06
723	2	-0.03	-4.20e-03	-0.02	0.0	-3.19e-04	3.03e-05
723	4	-0.02	-4.12e-03	-0.03	0.0	-2.38e-04	2.53e-05
723	6	-0.07	2.30e-03	-3.99e-04	0.0	-8.16e-04	1.20e-04
723	7	8.84e-04	-7.05e-03	-0.02	0.0	-5.85e-05	-3.81e-05
723	8	-1.83e-04	-6.62e-03	-0.02	0.0	-7.44e-05	-3.43e-05
723	14	-0.03	-1.41e-03	-8.25e-03	0.0	-3.12e-04	3.49e-05
723	15	-0.01	-3.24e-03	-0.01	0.0	-1.95e-04	7.69e-06
723	16	-0.01	-3.15e-03	-0.01	0.0	-1.98e-04	8.28e-06
723	22	-0.02	-2.58e-03	-0.01	0.0	-2.51e-04	2.19e-05
723	24	-0.02	-2.33e-03	-9.99e-03	0.0	-2.53e-04	2.13e-05
724	2	-0.04	-1.52e-03	-0.02	0.0	-2.83e-04	4.60e-05
724	4	-0.03	-1.22e-03	-0.03	0.0	-1.89e-04	3.72e-05
724	6	-0.10	1.91e-03	-5.04e-04	0.0	-8.46e-04	1.70e-04
724	7	-1.06e-03	-4.35e-03	-0.02	0.0	-3.32e-05	-4.23e-05
724	8	-2.84e-03	-3.71e-03	-0.02	0.0	-5.25e-05	-3.57e-05
724	14	-0.04	-4.98e-04	-8.27e-03	0.0	-3.11e-04	5.15e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
724	15	-0.02	-1.72e-03	-0.01	0.0	-1.84e-04	1.56e-05
724	16	-0.02	-1.59e-03	-0.01	0.0	-1.87e-04	1.66e-05
724	22	-0.03	-1.13e-03	-0.01	0.0	-2.39e-04	3.41e-05
724	24	-0.03	-1.11e-03	-0.01	0.0	-2.48e-04	3.36e-05
725	1	-0.05	-2.17e-03	9.78e-03	0.0	-4.17e-04	5.82e-05
725	4	-0.04	1.64e-03	-0.03	0.0	-1.49e-04	4.67e-05
725	6	-0.14	1.59e-03	-5.95e-04	0.0	-8.39e-04	2.23e-04
725	8	-4.42e-03	-8.64e-04	-0.02	0.0	-2.46e-05	-3.80e-05
725	11	-0.02	-2.15e-03	-0.01	0.0	-1.10e-04	-4.70e-06
725	14	-0.05	4.23e-04	-8.30e-03	0.0	-2.95e-04	6.85e-05
725	16	-0.03	-3.96e-05	-0.01	0.0	-1.66e-04	2.46e-05
725	18	-0.04	4.79e-04	-9.76e-03	0.0	-2.54e-04	5.48e-05
725	21	-0.04	-1.67e-03	7.52e-03	0.0	-3.21e-04	4.47e-05
725	22	-0.04	3.19e-04	-0.01	0.0	-2.18e-04	4.59e-05
725	23	-0.04	-1.67e-03	7.52e-03	0.0	-3.21e-04	4.47e-05
725	24	-0.04	9.79e-05	-0.01	0.0	-2.29e-04	4.58e-05
726	1	-0.07	-3.06e-03	9.58e-03	0.0	-3.95e-04	7.93e-05
726	4	-0.04	4.55e-03	-0.03	0.0	-1.17e-04	5.42e-05
726	6	-0.17	1.32e-03	-6.72e-04	0.0	-8.10e-04	2.75e-04
726	8	-4.85e-03	1.97e-03	-0.02	0.0	3.37e-06	-4.12e-05
726	12	-0.04	2.62e-03	-0.01	0.0	-1.59e-04	3.71e-05
726	14	-0.06	1.37e-03	-8.34e-03	0.0	-2.72e-04	8.49e-05
726	16	-0.04	1.52e-03	-0.01	0.0	-1.41e-04	3.19e-05
726	20	-0.05	1.74e-03	-0.01	0.0	-1.91e-04	5.28e-05
726	21	-0.05	-2.35e-03	7.37e-03	0.0	-3.04e-04	6.10e-05
726	22	-0.05	1.79e-03	-0.01	0.0	-1.92e-04	5.69e-05
726	23	-0.05	-2.35e-03	7.37e-03	0.0	-3.04e-04	6.10e-05
726	24	-0.05	1.33e-03	-0.01	0.0	-2.04e-04	5.74e-05
727	1	-0.09	-3.98e-03	9.44e-03	0.0	-3.61e-04	1.00e-04
727	4	-0.05	7.57e-03	-0.03	0.0	-9.46e-05	6.01e-05
727	6	-0.20	1.12e-03	-7.34e-04	0.0	-7.73e-04	3.27e-04
727	8	-4.20e-03	4.85e-03	-0.02	0.0	2.72e-05	-4.55e-05
727	14	-0.07	2.37e-03	-8.38e-03	0.0	-2.47e-04	1.00e-04
727	16	-0.04	3.13e-03	-0.01	0.0	-1.16e-04	3.82e-05
727	20	-0.05	3.20e-03	-0.01	0.0	-1.67e-04	6.30e-05
727	21	-0.07	-3.06e-03	7.26e-03	0.0	-2.78e-04	7.71e-05
727	22	-0.06	3.32e-03	-0.01	0.0	-1.68e-04	6.69e-05
727	23	-0.07	-3.06e-03	7.26e-03	0.0	-2.78e-04	7.71e-05
727	24	-0.06	2.61e-03	-0.01	0.0	-1.80e-04	6.81e-05
728	1	-0.10	-4.97e-03	9.36e-03	0.0	-3.27e-04	1.20e-04
728	4	-0.05	0.01	-0.03	0.0	-7.95e-05	6.49e-05
728	6	-0.23	9.55e-04	-7.83e-04	0.0	-7.36e-04	3.77e-04
728	8	-2.71e-03	7.85e-03	-0.02	0.0	4.45e-05	-5.08e-05
728	14	-0.08	3.44e-03	-8.44e-03	0.0	-2.26e-04	1.15e-04
728	16	-0.05	4.83e-03	-0.01	0.0	-9.73e-05	4.35e-05
728	21	-0.08	-3.82e-03	7.20e-03	0.0	-2.52e-04	9.24e-05
728	22	-0.06	4.94e-03	-0.01	0.0	-1.48e-04	7.59e-05
728	23	-0.08	-3.82e-03	7.20e-03	0.0	-2.52e-04	9.24e-05
728	24	-0.06	3.97e-03	-0.01	0.0	-1.60e-04	7.77e-05
729	1	-0.11	-6.06e-03	9.34e-03	0.0	-3.02e-04	1.39e-04
729	4	-0.05	0.01	-0.03	0.0	-7.15e-05	6.89e-05
729	6	-0.26	8.34e-04	-8.18e-04	0.0	-7.08e-04	4.26e-04
729	8	-6.66e-04	0.01	-0.02	0.0	5.45e-05	-5.69e-05
729	14	-0.09	4.61e-03	-8.50e-03	0.0	-2.12e-04	1.29e-04
729	16	-0.05	6.66e-03	-0.01	0.0	-8.52e-05	4.80e-05
729	21	-0.09	-4.66e-03	7.19e-03	0.0	-2.32e-04	1.07e-04
729	22	-0.07	6.70e-03	-0.01	0.0	-1.36e-04	8.40e-05
729	23	-0.09	-4.66e-03	7.19e-03	0.0	-2.32e-04	1.07e-04
729	24	-0.07	5.44e-03	-0.01	0.0	-1.47e-04	8.66e-05
730	1	-0.12	-7.29e-03	9.37e-03	0.0	-2.92e-04	1.57e-04
730	4	-0.06	0.02	-0.03	0.0	-6.99e-05	7.26e-05
730	6	-0.29	7.46e-04	-8.39e-04	0.0	-6.98e-04	4.75e-04
730	8	1.63e-03	0.01	-0.02	0.0	5.79e-05	-6.37e-05
730	14	-0.10	5.90e-03	-8.57e-03	0.0	-2.07e-04	1.42e-04
730	16	-0.05	8.64e-03	-0.01	0.0	-8.09e-05	5.21e-05
730	21	-0.10	-5.61e-03	7.21e-03	0.0	-2.24e-04	1.21e-04
730	22	-0.07	8.64e-03	-0.01	0.0	-1.32e-04	9.19e-05
730	23	-0.10	-5.61e-03	7.21e-03	0.0	-2.24e-04	1.21e-04
730	24	-0.08	7.05e-03	-0.01	0.0	-1.42e-04	9.51e-05
731	1	-0.14	-8.69e-03	9.43e-03	0.0	-2.96e-04	1.66e-04
731	4	-0.06	0.02	-0.03	0.0	-7.32e-05	7.44e-05
731	6	-0.32	6.85e-04	-8.45e-04	0.0	-7.09e-04	4.98e-04
731	8	3.95e-03	0.02	-0.02	0.0	5.69e-05	-6.71e-05
731	14	-0.11	7.34e-03	-8.64e-03	0.0	-2.11e-04	1.49e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
731	16	-0.06	0.01	-0.01	0.0	-8.34e-05	5.40e-05
731	21	-0.10	-6.69e-03	7.25e-03	0.0	-2.28e-04	1.27e-04
731	22	-0.08	0.01	-0.01	0.0	-1.35e-04	9.56e-05
731	23	-0.10	-6.69e-03	7.25e-03	0.0	-2.28e-04	1.27e-04
731	24	-0.08	8.84e-03	-0.01	0.0	-1.45e-04	9.91e-05
732	2	-0.02	-7.59e-03	-0.03	0.0	-3.60e-04	2.91e-06
732	4	-0.01	-7.69e-03	-0.03	0.0	-3.08e-04	1.61e-06
732	6	-0.04	2.95e-03	-2.12e-04	0.0	-7.68e-04	5.61e-05
732	7	5.22e-03	-0.01	-0.02	0.0	-6.62e-05	-3.98e-05
732	8	4.63e-03	-0.01	-0.02	0.0	-7.93e-05	-3.79e-05
732	14	-0.01	-2.59e-03	-9.85e-03	0.0	-2.98e-04	1.16e-05
732	15	-6.54e-03	-5.30e-03	-0.01	0.0	-1.91e-04	-5.83e-06
732	16	-6.63e-03	-5.25e-03	-0.01	0.0	-1.93e-04	-5.55e-06
732	22	-0.01	-4.48e-03	-0.01	0.0	-2.53e-04	2.70e-06
732	24	-0.01	-3.95e-03	-0.01	0.0	-2.44e-04	2.89e-06
733	2	-0.03	-4.58e-03	-0.03	0.0	-3.32e-04	1.13e-05
733	4	-0.02	-4.45e-03	-0.03	0.0	-2.48e-04	8.97e-06
733	6	-0.07	2.47e-03	-3.27e-04	0.0	-8.56e-04	8.45e-05
733	7	2.64e-03	-7.77e-03	-0.02	0.0	-5.32e-05	-4.61e-05
733	8	1.42e-03	-7.29e-03	-0.02	0.0	-7.15e-05	-4.22e-05
733	14	-0.03	-1.57e-03	-9.88e-03	0.0	-3.25e-04	2.00e-05
733	15	-0.01	-3.58e-03	-0.01	0.0	-2.00e-04	-3.25e-06
733	16	-0.01	-3.48e-03	-0.01	0.0	-2.03e-04	-2.66e-06
733	22	-0.02	-2.84e-03	-0.01	0.0	-2.61e-04	8.48e-06
733	24	-0.02	-2.57e-03	-0.01	0.0	-2.63e-04	8.40e-06
734	2	-0.04	-1.65e-03	-0.03	0.0	-2.95e-04	1.84e-05
734	4	-0.03	-1.30e-03	-0.03	0.0	-1.97e-04	1.45e-05
734	6	-0.11	2.06e-03	-4.31e-04	0.0	-8.89e-04	1.14e-04
734	7	9.35e-04	-4.81e-03	-0.02	0.0	-2.66e-05	-5.34e-05
734	8	-1.11e-03	-4.09e-03	-0.02	0.0	-4.92e-05	-4.67e-05
734	14	-0.04	-5.60e-04	-9.91e-03	0.0	-3.25e-04	2.86e-05
734	15	-0.02	-1.91e-03	-0.01	0.0	-1.90e-04	0.0
734	16	-0.02	-1.76e-03	-0.01	0.0	-1.93e-04	0.0
734	22	-0.03	-1.25e-03	-0.01	0.0	-2.49e-04	1.39e-05
734	24	-0.03	-1.24e-03	-0.01	0.0	-2.57e-04	1.38e-05
735	1	-0.06	-2.46e-03	0.01	0.0	-4.33e-04	2.55e-05
735	4	-0.04	1.83e-03	-0.03	0.0	-1.55e-04	1.87e-05
735	6	-0.14	1.72e-03	-5.22e-04	0.0	-8.83e-04	1.46e-04
735	8	-2.55e-03	-9.56e-04	-0.02	0.0	-2.04e-05	-5.17e-05
735	11	-0.02	-2.42e-03	-0.01	0.0	-1.06e-04	-2.81e-05
735	14	-0.05	4.56e-04	-9.94e-03	0.0	-3.09e-04	3.72e-05
735	16	-0.03	-5.21e-05	-0.01	0.0	-1.71e-04	2.57e-06
735	18	-0.05	5.22e-04	-0.01	0.0	-2.65e-04	2.68e-05
735	21	-0.04	-1.89e-03	8.75e-03	0.0	-3.33e-04	1.96e-05
735	22	-0.04	3.45e-04	-0.01	0.0	-2.26e-04	1.91e-05
735	23	-0.04	-1.89e-03	8.75e-03	0.0	-3.33e-04	1.96e-05
735	24	-0.04	9.71e-05	-0.01	0.0	-2.38e-04	1.91e-05
736	1	-0.07	-3.41e-03	0.01	0.0	-4.11e-04	3.47e-05
736	4	-0.05	5.02e-03	-0.03	0.0	-1.22e-04	2.18e-05
736	6	-0.18	1.44e-03	-6.00e-04	0.0	-8.54e-04	1.77e-04
736	8	-2.79e-03	2.18e-03	-0.02	0.0	8.40e-06	-5.72e-05
736	12	-0.04	2.90e-03	-0.02	0.0	-1.66e-04	9.22e-06
736	14	-0.06	1.50e-03	-9.98e-03	0.0	-2.85e-04	4.56e-05
736	16	-0.04	1.67e-03	-0.01	0.0	-1.45e-04	4.64e-06
736	20	-0.05	1.92e-03	-0.01	0.0	-1.99e-04	2.14e-05
736	21	-0.06	-2.62e-03	8.60e-03	0.0	-3.16e-04	2.67e-05
736	22	-0.05	1.96e-03	-0.01	0.0	-2.00e-04	2.38e-05
736	23	-0.06	-2.62e-03	8.60e-03	0.0	-3.16e-04	2.67e-05
736	24	-0.05	1.45e-03	-0.01	0.0	-2.13e-04	2.41e-05
737	1	-0.09	-4.40e-03	0.01	0.0	-3.76e-04	4.40e-05
737	4	-0.05	8.32e-03	-0.03	0.0	-9.83e-05	2.40e-05
737	6	-0.21	1.21e-03	-6.64e-04	0.0	-8.15e-04	2.09e-04
737	8	-1.93e-03	5.36e-03	-0.02	0.0	3.31e-05	-6.33e-05
737	14	-0.08	2.59e-03	-0.01	0.0	-2.59e-04	5.36e-05
737	16	-0.04	3.44e-03	-0.01	0.0	-1.20e-04	6.23e-06
737	20	-0.05	3.52e-03	-0.01	0.0	-1.74e-04	2.58e-05
737	21	-0.07	-3.39e-03	8.49e-03	0.0	-2.90e-04	3.38e-05
737	22	-0.06	3.64e-03	-0.01	0.0	-1.75e-04	2.80e-05
737	23	-0.07	-3.39e-03	8.49e-03	0.0	-2.90e-04	3.38e-05
737	24	-0.06	2.86e-03	-0.01	0.0	-1.88e-04	2.86e-05
738	1	-0.10	-5.46e-03	0.01	0.0	-3.42e-04	5.29e-05
738	4	-0.05	0.01	-0.03	0.0	-8.25e-05	2.57e-05
738	6	-0.25	1.02e-03	-7.13e-04	0.0	-7.77e-04	2.39e-04
738	8	-1.87e-04	8.66e-03	-0.02	0.0	5.11e-05	-7.00e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
738	14	-0.09	3.75e-03	-0.01	0.0	-2.38e-04	6.11e-05
738	16	-0.05	5.30e-03	-0.01	0.0	-1.00e-04	7.37e-06
738	21	-0.08	-4.20e-03	8.43e-03	0.0	-2.63e-04	4.07e-05
738	22	-0.06	5.41e-03	-0.01	0.0	-1.55e-04	3.17e-05
738	23	-0.08	-4.20e-03	8.43e-03	0.0	-2.63e-04	4.07e-05
738	24	-0.07	4.34e-03	-0.01	0.0	-1.67e-04	3.27e-05
739	1	-0.12	-6.61e-03	0.01	0.0	-3.16e-04	6.13e-05
739	4	-0.06	0.02	-0.03	0.0	-7.41e-05	2.69e-05
739	6	-0.28	8.71e-04	-7.48e-04	0.0	-7.49e-04	2.69e-04
739	8	2.13e-03	0.01	-0.02	0.0	6.16e-05	-7.69e-05
739	14	-0.09	5.01e-03	-0.01	0.0	-2.23e-04	6.83e-05
739	16	-0.05	7.28e-03	-0.01	0.0	-8.77e-05	8.14e-06
739	21	-0.09	-5.08e-03	8.41e-03	0.0	-2.43e-04	4.72e-05
739	22	-0.07	7.31e-03	-0.01	0.0	-1.42e-04	3.50e-05
739	23	-0.09	-5.08e-03	8.41e-03	0.0	-2.43e-04	4.72e-05
739	24	-0.07	5.93e-03	-0.01	0.0	-1.53e-04	3.64e-05
740	1	-0.13	-7.87e-03	0.01	0.0	-3.05e-04	6.96e-05
740	4	-0.06	0.02	-0.03	0.0	-7.23e-05	2.81e-05
740	6	-0.31	7.53e-04	-7.68e-04	0.0	-7.38e-04	3.00e-04
740	8	4.71e-03	0.02	-0.02	0.0	6.53e-05	-8.44e-05
740	14	-0.10	6.39e-03	-0.01	0.0	-2.17e-04	7.55e-05
740	16	-0.05	9.41e-03	-0.01	0.0	-8.31e-05	8.66e-06
740	21	-0.10	-6.06e-03	8.42e-03	0.0	-2.34e-04	5.35e-05
740	22	-0.08	9.37e-03	-0.01	0.0	-1.37e-04	3.83e-05
740	23	-0.10	-6.06e-03	8.42e-03	0.0	-2.34e-04	5.35e-05
740	24	-0.08	7.65e-03	-0.01	0.0	-1.48e-04	3.99e-05
741	1	-0.14	-9.29e-03	0.01	0.0	-3.09e-04	7.34e-05
741	4	-0.06	0.02	-0.03	0.0	-7.56e-05	2.86e-05
741	6	-0.34	6.59e-04	-7.73e-04	0.0	-7.49e-04	3.15e-04
741	8	7.33e-03	0.02	-0.02	0.0	6.44e-05	-8.81e-05
741	14	-0.11	7.90e-03	-0.01	0.0	-2.21e-04	7.88e-05
741	16	-0.06	0.01	-0.01	0.0	-8.55e-05	8.86e-06
741	21	-0.11	-7.14e-03	8.46e-03	0.0	-2.37e-04	5.65e-05
741	22	-0.08	0.01	-0.02	0.0	-1.40e-04	3.97e-05
741	23	-0.11	-7.14e-03	8.46e-03	0.0	-2.37e-04	5.65e-05
741	24	-0.08	9.54e-03	-0.01	0.0	-1.51e-04	4.16e-05
742	2	-0.01	-8.13e-03	-0.03	0.0	-3.64e-04	-6.62e-06
742	4	-0.01	-8.18e-03	-0.04	0.0	-3.12e-04	-6.81e-06
742	6	-0.04	3.09e-03	-1.26e-04	0.0	-7.86e-04	3.94e-05
742	7	6.97e-03	-0.01	-0.03	0.0	-5.88e-05	-4.42e-05
742	8	6.32e-03	-0.01	-0.03	0.0	-7.36e-05	-4.24e-05
742	14	-0.01	-2.83e-03	-0.01	0.0	-3.03e-04	4.59e-06
742	15	-6.18e-03	-5.74e-03	-0.02	0.0	-1.91e-04	-1.13e-05
742	16	-6.28e-03	-5.69e-03	-0.02	0.0	-1.93e-04	-1.10e-05
742	22	-0.01	-4.84e-03	-0.02	0.0	-2.56e-04	-3.83e-06
742	24	-0.01	-4.28e-03	-0.01	0.0	-2.47e-04	-3.33e-06
743	2	-0.03	-4.92e-03	-0.03	0.0	-3.35e-04	-7.31e-06
743	4	-0.02	-4.74e-03	-0.04	0.0	-2.51e-04	-7.13e-06
743	6	-0.08	2.61e-03	-2.37e-04	0.0	-8.76e-04	4.91e-05
743	7	4.71e-03	-8.43e-03	-0.03	0.0	-4.45e-05	-5.36e-05
743	8	3.33e-03	-7.91e-03	-0.03	0.0	-6.55e-05	-4.96e-05
743	14	-0.03	-1.72e-03	-0.01	0.0	-3.30e-04	5.59e-06
743	15	-0.01	-3.89e-03	-0.02	0.0	-2.00e-04	-1.38e-05
743	16	-0.01	-3.78e-03	-0.02	0.0	-2.04e-04	-1.32e-05
743	22	-0.02	-3.08e-03	-0.02	0.0	-2.63e-04	-4.53e-06
743	24	-0.02	-2.81e-03	-0.01	0.0	-2.65e-04	-4.09e-06
744	2	-0.04	-1.77e-03	-0.03	0.0	-2.97e-04	-8.66e-06
744	4	-0.03	-1.36e-03	-0.04	0.0	-1.99e-04	-7.93e-06
744	6	-0.11	2.19e-03	-3.38e-04	0.0	-9.10e-04	5.88e-05
744	7	3.38e-03	-5.23e-03	-0.03	0.0	-1.70e-05	-6.38e-05
744	8	1.05e-03	-4.45e-03	-0.03	0.0	-4.28e-05	-5.70e-05
744	14	-0.04	-6.24e-04	-0.01	0.0	-3.30e-04	6.14e-06
744	15	-0.02	-2.09e-03	-0.02	0.0	-1.89e-04	-1.69e-05
744	16	-0.02	-1.92e-03	-0.02	0.0	-1.93e-04	-1.58e-05
744	22	-0.03	-1.36e-03	-0.02	0.0	-2.51e-04	-5.73e-06
744	24	-0.03	-1.36e-03	-0.01	0.0	-2.59e-04	-5.37e-06
745	1	-0.06	-2.74e-03	0.01	0.0	-4.36e-04	-5.74e-06
745	4	-0.04	2.01e-03	-0.04	0.0	-1.56e-04	-9.11e-06
745	6	-0.15	1.83e-03	-4.27e-04	0.0	-9.05e-04	6.90e-05
745	8	-1.22e-04	-1.04e-03	-0.03	0.0	-1.36e-05	-6.47e-05
745	11	-0.02	-2.69e-03	-0.02	0.0	-9.57e-05	-5.07e-05
745	14	-0.05	4.76e-04	-0.01	0.0	-3.13e-04	6.51e-06
745	16	-0.03	-7.12e-05	-0.02	0.0	-1.71e-04	-1.88e-05
745	18	-0.05	5.53e-04	-0.01	0.0	-2.69e-04	0.0

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
745	21	-0.04	-2.11e-03	9.96e-03	0.0	-3.35e-04	-4.41e-06
745	22	-0.04	3.62e-04	-0.02	0.0	-2.28e-04	-7.23e-06
745	23	-0.04	-2.11e-03	9.96e-03	0.0	-3.35e-04	-4.41e-06
745	24	-0.04	8.75e-05	-0.01	0.0	-2.40e-04	-6.92e-06
746	1	-0.07	-3.75e-03	0.01	0.0	-4.15e-04	-8.28e-06
746	4	-0.05	5.43e-03	-0.04	0.0	-1.23e-04	-1.05e-05
746	6	-0.19	1.53e-03	-5.03e-04	0.0	-8.76e-04	7.96e-05
746	8	-7.98e-05	2.36e-03	-0.03	0.0	1.56e-05	-7.26e-05
746	12	-0.04	3.16e-03	-0.02	0.0	-1.68e-04	-1.82e-05
746	14	-0.07	1.60e-03	-0.01	0.0	-2.89e-04	6.82e-06
746	16	-0.04	1.79e-03	-0.02	0.0	-1.44e-04	-2.19e-05
746	20	-0.05	2.07e-03	-0.02	0.0	-2.01e-04	-9.47e-06
746	21	-0.06	-2.88e-03	9.81e-03	0.0	-3.19e-04	-6.37e-06
746	22	-0.05	2.11e-03	-0.02	0.0	-2.01e-04	-8.87e-06
746	23	-0.06	-2.88e-03	9.81e-03	0.0	-3.19e-04	-6.37e-06
746	24	-0.05	1.55e-03	-0.01	0.0	-2.14e-04	-8.60e-06
747	1	-0.09	-4.80e-03	0.01	0.0	-3.80e-04	-1.07e-05
747	4	-0.05	8.98e-03	-0.04	0.0	-9.85e-05	-1.21e-05
747	6	-0.22	1.27e-03	-5.66e-04	0.0	-8.37e-04	9.06e-05
747	8	1.08e-03	5.81e-03	-0.03	0.0	4.06e-05	-8.05e-05
747	14	-0.08	2.78e-03	-0.01	0.0	-2.64e-04	7.18e-06
747	16	-0.04	3.71e-03	-0.02	0.0	-1.19e-04	-2.51e-05
747	20	-0.06	3.80e-03	-0.02	0.0	-1.76e-04	-1.08e-05
747	21	-0.07	-3.69e-03	9.70e-03	0.0	-2.92e-04	-8.21e-06
747	22	-0.06	3.91e-03	-0.02	0.0	-1.76e-04	-1.05e-05
747	23	-0.07	-3.69e-03	9.70e-03	0.0	-2.92e-04	-8.21e-06
747	24	-0.06	3.07e-03	-0.01	0.0	-1.89e-04	-1.03e-05
748	1	-0.10	-5.91e-03	0.01	0.0	-3.45e-04	-1.29e-05
748	4	-0.05	0.01	-0.04	0.0	-8.24e-05	-1.36e-05
748	6	-0.25	1.06e-03	-6.14e-04	0.0	-7.99e-04	1.02e-04
748	8	3.12e-03	9.37e-03	-0.03	0.0	5.88e-05	-8.85e-05
748	14	-0.09	4.02e-03	-0.01	0.0	-2.42e-04	7.63e-06
748	16	-0.05	5.71e-03	-0.02	0.0	-9.92e-05	-2.82e-05
748	21	-0.08	-4.54e-03	9.63e-03	0.0	-2.66e-04	-9.89e-06
748	22	-0.06	5.81e-03	-0.02	0.0	-1.56e-04	-1.21e-05
748	23	-0.08	-4.54e-03	9.63e-03	0.0	-2.66e-04	-9.89e-06
748	24	-0.07	4.66e-03	-0.01	0.0	-1.68e-04	-1.19e-05
749	1	-0.12	-7.10e-03	0.01	0.0	-3.19e-04	-1.49e-05
749	4	-0.06	0.02	-0.04	0.0	-7.39e-05	-1.51e-05
749	6	-0.28	8.89e-04	-6.47e-04	0.0	-7.70e-04	1.13e-04
749	8	5.75e-03	0.01	-0.03	0.0	6.94e-05	-9.64e-05
749	14	-0.10	5.36e-03	-0.01	0.0	-2.27e-04	8.17e-06
749	16	-0.05	7.82e-03	-0.02	0.0	-8.64e-05	-3.13e-05
749	21	-0.09	-5.46e-03	9.61e-03	0.0	-2.45e-04	-1.14e-05
749	22	-0.07	7.83e-03	-0.02	0.0	-1.43e-04	-1.36e-05
749	23	-0.09	-5.46e-03	9.61e-03	0.0	-2.45e-04	-1.14e-05
749	24	-0.07	6.35e-03	-0.01	0.0	-1.54e-04	-1.34e-05
750	1	-0.13	-8.39e-03	0.01	0.0	-3.08e-04	-1.69e-05
750	4	-0.06	0.02	-0.04	0.0	-7.21e-05	-1.66e-05
750	6	-0.31	7.44e-04	-6.66e-04	0.0	-7.59e-04	1.25e-04
750	8	8.65e-03	0.02	-0.03	0.0	7.32e-05	-1.05e-04
750	14	-0.11	6.80e-03	-0.01	0.0	-2.21e-04	8.78e-06
750	16	-0.05	0.01	-0.02	0.0	-8.17e-05	-3.44e-05
750	21	-0.10	-6.45e-03	9.62e-03	0.0	-2.37e-04	-1.30e-05
750	22	-0.08	1.00e-02	-0.02	0.0	-1.38e-04	-1.52e-05
750	23	-0.10	-6.45e-03	9.62e-03	0.0	-2.37e-04	-1.30e-05
750	24	-0.08	8.17e-03	-0.01	0.0	-1.49e-04	-1.49e-05
751	1	-0.14	-9.79e-03	0.01	0.0	-3.11e-04	-1.79e-05
751	4	-0.06	0.03	-0.04	0.0	-7.53e-05	-1.73e-05
751	6	-0.34	6.22e-04	-6.69e-04	0.0	-7.70e-04	1.31e-04
751	8	0.01	0.02	-0.03	0.0	7.24e-05	-1.09e-04
751	14	-0.11	8.38e-03	-0.01	0.0	-2.25e-04	9.08e-06
751	16	-0.06	0.01	-0.02	0.0	-8.40e-05	-3.59e-05
751	21	-0.11	-7.53e-03	9.65e-03	0.0	-2.40e-04	-1.37e-05
751	22	-0.08	0.01	-0.02	0.0	-1.41e-04	-1.59e-05
751	23	-0.11	-7.53e-03	9.65e-03	0.0	-2.40e-04	-1.37e-05
751	24	-0.08	0.01	-0.01	0.0	-1.52e-04	-1.56e-05
752	2	-0.01	-8.61e-03	-0.04	0.0	-3.59e-04	-1.59e-05
752	4	-0.01	-8.61e-03	-0.04	0.0	-3.08e-04	-1.51e-05
752	6	-0.04	3.19e-03	-2.47e-05	0.0	-7.87e-04	2.29e-05
752	7	8.90e-03	-0.01	-0.03	0.0	-4.87e-05	-4.84e-05
752	8	8.18e-03	-0.01	-0.03	0.0	-6.52e-05	-4.66e-05
752	14	-0.01	-3.04e-03	-0.01	0.0	-3.01e-04	-2.26e-06
752	15	-5.61e-03	-6.14e-03	-0.02	0.0	-1.86e-04	-1.65e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
752	16	-5.72e-03	-6.09e-03	-0.02	0.0	-1.89e-04	-1.62e-05
752	22	-0.01	-5.17e-03	-0.02	0.0	-2.53e-04	-1.02e-05
752	24	-9.95e-03	-4.59e-03	-0.02	0.0	-2.43e-04	-9.37e-06
753	2	-0.03	-5.22e-03	-0.04	0.0	-3.30e-04	-2.54e-05
753	4	-0.02	-4.99e-03	-0.04	0.0	-2.47e-04	-2.28e-05
753	6	-0.08	2.71e-03	-1.31e-04	0.0	-8.76e-04	1.42e-05
753	7	7.08e-03	-9.02e-03	-0.03	0.0	-3.29e-05	-6.05e-05
753	8	5.55e-03	-8.46e-03	-0.03	0.0	-5.65e-05	-5.66e-05
753	14	-0.03	-1.86e-03	-0.01	0.0	-3.26e-04	-8.50e-06
753	15	-0.01	-4.18e-03	-0.02	0.0	-1.95e-04	-2.39e-05
753	16	-0.01	-4.06e-03	-0.02	0.0	-1.98e-04	-2.33e-05
753	22	-0.02	-3.30e-03	-0.02	0.0	-2.59e-04	-1.71e-05
753	24	-0.02	-3.02e-03	-0.02	0.0	-2.60e-04	-1.62e-05
754	1	-0.04	-1.99e-03	0.01	0.0	-4.19e-04	-2.26e-05
754	2	-0.04	-1.88e-03	-0.04	0.0	-2.91e-04	-3.50e-05
754	4	-0.03	-1.42e-03	-0.04	0.0	-1.95e-04	-2.98e-05
754	6	-0.11	2.28e-03	-2.27e-04	0.0	-9.10e-04	4.21e-06
754	7	6.24e-03	-5.62e-03	-0.03	0.0	-4.39e-06	-7.35e-05
754	8	3.64e-03	-4.77e-03	-0.03	0.0	-3.34e-05	-6.67e-05
754	14	-0.04	-6.91e-04	-0.01	0.0	-3.26e-04	-1.57e-05
754	15	-0.02	-2.26e-03	-0.02	0.0	-1.83e-04	-3.22e-05
754	16	-0.02	-2.07e-03	-0.02	0.0	-1.87e-04	-3.12e-05
754	21	-0.03	-1.53e-03	0.01	0.0	-3.22e-04	-1.74e-05
754	22	-0.03	-1.47e-03	-0.02	0.0	-2.46e-04	-2.48e-05
754	23	-0.03	-1.53e-03	0.01	0.0	-3.22e-04	-1.74e-05
754	24	-0.03	-1.47e-03	-0.02	0.0	-2.54e-04	-2.40e-05
755	1	-0.06	-3.02e-03	0.01	0.0	-4.27e-04	-3.59e-05
755	4	-0.04	2.16e-03	-0.04	0.0	-1.52e-04	-3.62e-05
755	6	-0.15	1.91e-03	-3.12e-04	0.0	-9.05e-04	-6.21e-06
755	8	2.84e-03	-1.13e-03	-0.03	0.0	-4.21e-06	-7.70e-05
755	11	-0.02	-2.95e-03	-0.02	0.0	-7.98e-05	-7.20e-05
755	14	-0.05	4.84e-04	-0.01	0.0	-3.09e-04	-2.34e-05
755	16	-0.03	-9.82e-05	-0.02	0.0	-1.65e-04	-3.95e-05
755	18	-0.05	5.71e-04	-0.02	0.0	-2.65e-04	-2.73e-05
755	21	-0.04	-2.32e-03	0.01	0.0	-3.29e-04	-2.76e-05
755	22	-0.04	3.66e-04	-0.02	0.0	-2.23e-04	-3.28e-05
755	23	-0.04	-2.32e-03	0.01	0.0	-3.29e-04	-2.76e-05
755	24	-0.04	6.80e-05	-0.02	0.0	-2.35e-04	-3.22e-05
756	1	-0.07	-4.07e-03	0.01	0.0	-4.06e-04	-4.99e-05
756	4	-0.04	5.79e-03	-0.04	0.0	-1.19e-04	-4.20e-05
756	6	-0.19	1.59e-03	-3.84e-04	0.0	-8.77e-04	-1.63e-05
756	8	3.26e-03	2.51e-03	-0.03	0.0	2.49e-05	-8.71e-05
756	12	-0.04	3.37e-03	-0.02	0.0	-1.64e-04	-4.48e-05
756	14	-0.07	1.68e-03	-0.01	0.0	-2.85e-04	-3.10e-05
756	16	-0.03	1.89e-03	-0.02	0.0	-1.39e-04	-4.77e-05
756	20	-0.05	2.19e-03	-0.02	0.0	-1.96e-04	-3.94e-05
756	21	-0.06	-3.13e-03	0.01	0.0	-3.12e-04	-3.84e-05
756	22	-0.05	2.23e-03	-0.02	0.0	-1.96e-04	-4.06e-05
756	23	-0.06	-3.13e-03	0.01	0.0	-3.12e-04	-3.84e-05
756	24	-0.05	1.63e-03	-0.02	0.0	-2.09e-04	-4.03e-05
757	1	-0.09	-5.16e-03	0.01	0.0	-3.72e-04	-6.36e-05
757	4	-0.05	9.55e-03	-0.04	0.0	-9.51e-05	-4.72e-05
757	6	-0.22	1.32e-03	-4.43e-04	0.0	-8.39e-04	-2.55e-05
757	8	4.79e-03	6.21e-03	-0.03	0.0	4.97e-05	-9.68e-05
757	14	-0.08	2.93e-03	-0.01	0.0	-2.60e-04	-3.81e-05
757	16	-0.04	3.93e-03	-0.02	0.0	-1.14e-04	-5.54e-05
757	20	-0.05	4.03e-03	-0.02	0.0	-1.71e-04	-4.64e-05
757	21	-0.07	-3.97e-03	0.01	0.0	-2.86e-04	-4.89e-05
757	22	-0.06	4.14e-03	-0.02	0.0	-1.71e-04	-4.79e-05
757	23	-0.07	-3.97e-03	0.01	0.0	-2.86e-04	-4.89e-05
757	24	-0.06	3.24e-03	-0.02	0.0	-1.84e-04	-4.80e-05
758	1	-0.10	-6.31e-03	0.01	0.0	-3.38e-04	-7.67e-05
758	4	-0.05	0.01	-0.04	0.0	-7.94e-05	-5.18e-05
758	6	-0.25	1.09e-03	-4.88e-04	0.0	-8.01e-04	-3.36e-05
758	8	7.20e-03	0.01	-0.03	0.0	6.76e-05	-1.06e-04
758	14	-0.09	4.24e-03	-0.01	0.0	-2.39e-04	-4.46e-05
758	16	-0.04	6.05e-03	-0.02	0.0	-9.40e-05	-6.27e-05
758	21	-0.08	-4.86e-03	0.01	0.0	-2.60e-04	-5.90e-05
758	22	-0.06	6.15e-03	-0.02	0.0	-1.51e-04	-5.47e-05
758	23	-0.08	-4.86e-03	0.01	0.0	-2.60e-04	-5.90e-05
758	24	-0.06	4.92e-03	-0.02	0.0	-1.64e-04	-5.52e-05
759	1	-0.12	-7.53e-03	0.01	0.0	-3.12e-04	-8.88e-05
759	4	-0.06	0.02	-0.04	0.0	-7.11e-05	-5.59e-05
759	6	-0.29	8.88e-04	-5.19e-04	0.0	-7.72e-04	-4.08e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
759	8	0.01	0.01	-0.03	0.0	7.81e-05	-1.15e-04
759	14	-0.10	5.64e-03	-0.01	0.0	-2.24e-04	-5.05e-05
759	16	-0.05	8.28e-03	-0.02	0.0	-8.14e-05	-6.94e-05
759	21	-0.09	-5.79e-03	0.01	0.0	-2.40e-04	-6.83e-05
759	22	-0.07	8.27e-03	-0.02	0.0	-1.39e-04	-6.09e-05
759	23	-0.09	-5.79e-03	0.01	0.0	-2.40e-04	-6.83e-05
759	24	-0.07	6.70e-03	-0.02	0.0	-1.50e-04	-6.17e-05
760	1	-0.13	-8.84e-03	0.01	0.0	-3.01e-04	-1.01e-04
760	4	-0.06	0.02	-0.04	0.0	-6.93e-05	-6.00e-05
760	6	-0.32	7.19e-04	-5.36e-04	0.0	-7.62e-04	-4.77e-05
760	8	0.01	0.02	-0.03	0.0	8.18e-05	-1.24e-04
760	14	-0.10	7.15e-03	-0.01	0.0	-2.19e-04	-5.63e-05
760	16	-0.05	0.01	-0.02	0.0	-7.68e-05	-7.61e-05
760	21	-0.10	-6.80e-03	0.01	0.0	-2.31e-04	-7.76e-05
760	22	-0.07	0.01	-0.02	0.0	-1.34e-04	-6.70e-05
760	23	-0.10	-6.80e-03	0.01	0.0	-2.31e-04	-7.76e-05
760	24	-0.08	8.61e-03	-0.02	0.0	-1.45e-04	-6.82e-05
761	1	-0.14	-0.01	0.01	0.0	-3.04e-04	-1.07e-04
761	4	-0.06	0.03	-0.04	0.0	-7.24e-05	-6.19e-05
761	6	-0.35	5.72e-04	-5.37e-04	0.0	-7.73e-04	-5.09e-05
761	8	0.02	0.02	-0.03	0.0	8.11e-05	-1.28e-04
761	14	-0.11	8.77e-03	-0.01	0.0	-2.22e-04	-5.90e-05
761	16	-0.05	0.01	-0.02	0.0	-7.90e-05	-7.93e-05
761	21	-0.11	-7.87e-03	0.01	0.0	-2.34e-04	-8.20e-05
761	22	-0.08	0.01	-0.02	0.0	-1.37e-04	-6.99e-05
761	23	-0.11	-7.87e-03	0.01	0.0	-2.34e-04	-8.20e-05
761	24	-0.08	0.01	-0.02	0.0	-1.48e-04	-7.12e-05
762	2	-0.01	-9.04e-03	-0.04	0.0	-3.46e-04	-2.50e-05
762	4	-0.01	-8.98e-03	-0.05	0.0	-2.96e-04	-2.31e-05
762	6	-0.04	3.26e-03	8.94e-05	0.0	-7.71e-04	6.67e-06
762	7	0.01	-0.01	-0.04	0.0	-3.60e-05	-5.22e-05
762	8	0.01	-0.01	-0.04	0.0	-5.42e-05	-5.06e-05
762	14	-0.01	-3.24e-03	-0.02	0.0	-2.92e-04	-8.95e-06
762	15	-4.83e-03	-6.51e-03	-0.02	0.0	-1.77e-04	-2.15e-05
762	16	-4.95e-03	-6.46e-03	-0.02	0.0	-1.80e-04	-2.13e-05
762	22	-9.75e-03	-5.46e-03	-0.02	0.0	-2.43e-04	-1.64e-05
762	24	-9.45e-03	-4.88e-03	-0.02	0.0	-2.34e-04	-1.52e-05
763	2	-0.03	-5.49e-03	-0.04	0.0	-3.15e-04	-4.28e-05
763	4	-0.02	-5.21e-03	-0.05	0.0	-2.36e-04	-3.79e-05
763	6	-0.08	2.77e-03	-9.93e-06	0.0	-8.57e-04	-1.99e-05
763	7	9.73e-03	-9.56e-03	-0.04	0.0	-1.83e-05	-6.69e-05
763	8	8.05e-03	-8.97e-03	-0.04	0.0	-4.47e-05	-6.32e-05
763	14	-0.03	-1.99e-03	-0.02	0.0	-3.15e-04	-2.22e-05
763	15	-0.01	-4.44e-03	-0.02	0.0	-1.84e-04	-3.37e-05
763	16	-0.01	-4.32e-03	-0.02	0.0	-1.88e-04	-3.31e-05
763	22	-0.02	-3.50e-03	-0.02	0.0	-2.48e-04	-2.93e-05
763	24	-0.02	-3.22e-03	-0.02	0.0	-2.50e-04	-2.79e-05
764	1	-0.04	-2.23e-03	0.02	0.0	-4.01e-04	-4.16e-05
764	2	-0.04	-1.99e-03	-0.04	0.0	-2.77e-04	-6.03e-05
764	4	-0.03	-1.47e-03	-0.05	0.0	-1.85e-04	-5.07e-05
764	6	-0.11	2.34e-03	-9.96e-05	0.0	-8.89e-04	-4.90e-05
764	7	9.50e-03	-5.97e-03	-0.04	0.0	1.10e-05	-8.24e-05
764	8	6.62e-03	-5.07e-03	-0.04	0.0	-2.13e-05	-7.59e-05
764	14	-0.04	-7.62e-04	-0.02	0.0	-3.14e-04	-3.69e-05
764	15	-0.02	-2.41e-03	-0.02	0.0	-1.71e-04	-4.70e-05
764	16	-0.02	-2.22e-03	-0.02	0.0	-1.76e-04	-4.60e-05
764	21	-0.03	-1.72e-03	0.01	0.0	-3.08e-04	-3.20e-05
764	22	-0.03	-1.57e-03	-0.02	0.0	-2.34e-04	-4.32e-05
764	23	-0.03	-1.72e-03	0.01	0.0	-3.08e-04	-3.20e-05
764	24	-0.03	-1.59e-03	-0.02	0.0	-2.42e-04	-4.19e-05
765	1	-0.05	-3.28e-03	0.02	0.0	-4.07e-04	-6.52e-05
765	4	-0.04	2.28e-03	-0.05	0.0	-1.43e-04	-6.20e-05
765	6	-0.15	1.96e-03	-1.78e-04	0.0	-8.83e-04	-7.93e-05
765	8	6.31e-03	-1.21e-03	-0.04	0.0	7.62e-06	-8.86e-05
765	11	-0.01	-3.21e-03	-0.02	0.0	-5.88e-05	-9.16e-05
765	14	-0.05	4.77e-04	-0.02	0.0	-2.97e-04	-5.22e-05
765	16	-0.03	-1.34e-04	-0.02	0.0	-1.54e-04	-5.93e-05
765	18	-0.04	5.75e-04	-0.02	0.0	-2.54e-04	-5.30e-05
765	21	-0.04	-2.53e-03	0.01	0.0	-3.13e-04	-5.02e-05
765	22	-0.04	3.58e-04	-0.02	0.0	-2.11e-04	-5.73e-05
765	23	-0.04	-2.53e-03	0.01	0.0	-3.13e-04	-5.02e-05
765	24	-0.04	3.76e-05	-0.02	0.0	-2.23e-04	-5.65e-05
766	1	-0.07	-4.37e-03	0.02	0.0	-3.86e-04	-9.01e-05
766	4	-0.04	6.10e-03	-0.05	0.0	-1.12e-04	-7.19e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
766	6	-0.18	1.62e-03	-2.45e-04	0.0	-8.56e-04	-1.09e-04
766	8	7.20e-03	2.64e-03	-0.04	0.0	3.61e-05	-1.01e-04
766	12	-0.04	3.56e-03	-0.03	0.0	-1.55e-04	-7.05e-05
766	14	-0.06	1.74e-03	-0.02	0.0	-2.74e-04	-6.73e-05
766	16	-0.03	1.97e-03	-0.02	0.0	-1.28e-04	-7.22e-05
766	20	-0.04	2.29e-03	-0.02	0.0	-1.86e-04	-6.82e-05
766	21	-0.05	-3.36e-03	0.01	0.0	-2.97e-04	-6.93e-05
766	22	-0.05	2.31e-03	-0.02	0.0	-1.86e-04	-7.09e-05
766	23	-0.05	-3.36e-03	0.01	0.0	-2.97e-04	-6.93e-05
766	24	-0.05	1.68e-03	-0.02	0.0	-1.98e-04	-7.07e-05
767	1	-0.08	-5.50e-03	0.02	0.0	-3.52e-04	-1.15e-04
767	4	-0.05	0.01	-0.05	0.0	-8.85e-05	-8.04e-05
767	6	-0.22	1.34e-03	-2.98e-04	0.0	-8.20e-04	-1.38e-04
767	8	9.17e-03	6.55e-03	-0.04	0.0	6.02e-05	-1.12e-04
767	14	-0.07	3.05e-03	-0.02	0.0	-2.50e-04	-8.14e-05
767	16	-0.04	4.12e-03	-0.02	0.0	-1.04e-04	-8.42e-05
767	20	-0.05	4.23e-03	-0.02	0.0	-1.62e-04	-8.04e-05
767	21	-0.06	-4.23e-03	0.01	0.0	-2.71e-04	-8.81e-05
767	22	-0.05	4.33e-03	-0.02	0.0	-1.61e-04	-8.35e-05
767	23	-0.06	-4.23e-03	0.01	0.0	-2.71e-04	-8.81e-05
767	24	-0.05	3.38e-03	-0.02	0.0	-1.74e-04	-8.40e-05
768	1	-0.10	-6.69e-03	0.02	0.0	-3.19e-04	-1.38e-04
768	4	-0.05	0.01	-0.05	0.0	-7.36e-05	-8.78e-05
768	6	-0.25	1.09e-03	-3.40e-04	0.0	-7.83e-04	-1.65e-04
768	8	0.01	0.01	-0.04	0.0	7.74e-05	-1.22e-04
768	14	-0.08	4.42e-03	-0.02	0.0	-2.29e-04	-9.45e-05
768	16	-0.04	6.34e-03	-0.02	0.0	-8.48e-05	-9.52e-05
768	21	-0.08	-5.14e-03	0.01	0.0	-2.46e-04	-1.06e-04
768	22	-0.06	6.42e-03	-0.02	0.0	-1.42e-04	-9.51e-05
768	23	-0.08	-5.14e-03	0.01	0.0	-2.46e-04	-1.06e-04
768	24	-0.06	5.14e-03	-0.02	0.0	-1.54e-04	-9.63e-05
769	1	-0.11	-7.93e-03	0.02	0.0	-2.95e-04	-1.59e-04
769	4	-0.05	0.02	-0.05	0.0	-6.58e-05	-9.42e-05
769	6	-0.28	8.69e-04	-3.67e-04	0.0	-7.56e-04	-1.90e-04
769	8	0.02	0.01	-0.04	0.0	8.74e-05	-1.31e-04
769	14	-0.09	5.88e-03	-0.02	0.0	-2.15e-04	-1.06e-04
769	16	-0.04	8.68e-03	-0.02	0.0	-7.29e-05	-1.05e-04
769	21	-0.08	-6.10e-03	0.01	0.0	-2.27e-04	-1.23e-04
769	22	-0.07	8.63e-03	-0.02	0.0	-1.30e-04	-1.06e-04
769	23	-0.08	-6.10e-03	0.01	0.0	-2.27e-04	-1.23e-04
769	24	-0.07	6.99e-03	-0.02	0.0	-1.41e-04	-1.08e-04
770	1	-0.12	-9.24e-03	0.02	0.0	-2.84e-04	-1.81e-04
770	4	-0.05	0.02	-0.05	0.0	-6.42e-05	-1.00e-04
770	6	-0.31	6.80e-04	-3.82e-04	0.0	-7.46e-04	-2.15e-04
770	8	0.02	0.02	-0.04	0.0	9.08e-05	-1.41e-04
770	14	-0.10	7.43e-03	-0.02	0.0	-2.10e-04	-1.18e-04
770	16	-0.05	0.01	-0.02	0.0	-6.86e-05	-1.15e-04
770	21	-0.09	-7.11e-03	0.01	0.0	-2.19e-04	-1.39e-04
770	22	-0.07	0.01	-0.02	0.0	-1.26e-04	-1.16e-04
770	23	-0.09	-7.11e-03	0.01	0.0	-2.19e-04	-1.39e-04
770	24	-0.07	8.97e-03	-0.02	0.0	-1.36e-04	-1.19e-04
771	1	-0.13	-0.01	0.02	0.0	-2.87e-04	-1.91e-04
771	4	-0.06	0.03	-0.05	0.0	-6.71e-05	-1.03e-04
771	6	-0.34	5.11e-04	-3.81e-04	0.0	-7.56e-04	-2.26e-04
771	8	0.02	0.02	-0.04	0.0	9.03e-05	-1.45e-04
771	14	-0.11	9.10e-03	-0.02	0.0	-2.13e-04	-1.24e-04
771	16	-0.05	0.01	-0.02	0.0	-7.06e-05	-1.20e-04
771	21	-0.10	-8.17e-03	0.01	0.0	-2.21e-04	-1.47e-04
771	22	-0.08	0.01	-0.02	0.0	-1.29e-04	-1.21e-04
771	23	-0.10	-8.17e-03	0.01	0.0	-2.21e-04	-1.47e-04
771	24	-0.08	0.01	-0.02	0.0	-1.39e-04	-1.24e-04
772	2	-0.01	-9.42e-03	-0.05	0.0	-3.24e-04	-3.37e-05
772	4	-0.01	-9.31e-03	-0.05	0.0	-2.78e-04	-3.08e-05
772	6	-0.04	3.30e-03	2.16e-04	0.0	-7.38e-04	-9.14e-06
772	7	0.01	-0.01	-0.04	0.0	-2.10e-05	-5.58e-05
772	8	0.01	-0.01	-0.04	0.0	-4.08e-05	-5.44e-05
772	14	-0.01	-3.42e-03	-0.02	0.0	-2.76e-04	-1.55e-05
772	15	-3.85e-03	-6.84e-03	-0.02	0.0	-1.64e-04	-2.64e-05
772	16	-3.97e-03	-6.79e-03	-0.03	0.0	-1.67e-04	-2.62e-05
772	22	-8.95e-03	-5.73e-03	-0.03	0.0	-2.28e-04	-2.24e-05
772	24	-8.71e-03	-5.13e-03	-0.02	0.0	-2.20e-04	-2.10e-05
773	2	-0.02	-5.74e-03	-0.05	0.0	-2.93e-04	-5.94e-05
773	4	-0.02	-5.41e-03	-0.05	0.0	-2.19e-04	-5.21e-05
773	6	-0.08	2.81e-03	1.25e-04	0.0	-8.18e-04	-5.27e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
773	7	0.01	-0.01	-0.04	0.0	-1.21e-06	-7.28e-05
773	8	0.01	-9.42e-03	-0.04	0.0	-3.02e-05	-6.94e-05
773	14	-0.03	-2.12e-03	-0.02	0.0	-2.97e-04	-3.53e-05
773	15	-0.01	-4.68e-03	-0.02	0.0	-1.68e-04	-4.30e-05
773	16	-0.01	-4.55e-03	-0.03	0.0	-1.72e-04	-4.25e-05
773	22	-0.02	-3.69e-03	-0.03	0.0	-2.30e-04	-4.10e-05
773	24	-0.02	-3.40e-03	-0.02	0.0	-2.32e-04	-3.92e-05
774	1	-0.03	-2.47e-03	0.02	0.0	-3.72e-04	-6.03e-05
774	2	-0.04	-2.10e-03	-0.05	0.0	-2.56e-04	-8.40e-05
774	4	-0.03	-1.53e-03	-0.05	0.0	-1.70e-04	-7.01e-05
774	6	-0.11	2.37e-03	4.33e-05	0.0	-8.47e-04	-1.00e-04
774	7	0.01	-6.30e-03	-0.04	0.0	2.86e-05	-9.05e-05
774	8	9.98e-03	-5.34e-03	-0.04	0.0	-6.72e-06	-8.45e-05
774	14	-0.04	-8.38e-04	-0.02	0.0	-2.94e-04	-5.71e-05
774	15	-0.02	-2.57e-03	-0.03	0.0	-1.54e-04	-6.09e-05
774	16	-0.02	-2.36e-03	-0.03	0.0	-1.60e-04	-6.00e-05
774	21	-0.03	-1.90e-03	0.01	0.0	-2.86e-04	-4.64e-05
774	22	-0.03	-1.68e-03	-0.03	0.0	-2.16e-04	-6.06e-05
774	23	-0.03	-1.90e-03	0.01	0.0	-2.86e-04	-4.64e-05
774	24	-0.03	-1.70e-03	-0.02	0.0	-2.24e-04	-5.90e-05
775	1	-0.05	-3.54e-03	0.02	0.0	-3.76e-04	-9.37e-05
775	4	-0.03	2.37e-03	-0.05	0.0	-1.30e-04	-8.58e-05
775	6	-0.14	1.98e-03	-2.71e-05	0.0	-8.42e-04	-1.49e-04
775	8	0.01	-1.30e-03	-0.04	0.0	2.16e-05	-9.92e-05
775	11	-9.94e-03	-3.46e-03	-0.02	0.0	-3.35e-05	-1.09e-04
775	14	-0.05	4.55e-04	-0.02	0.0	-2.78e-04	-7.96e-05
775	16	-0.02	-1.80e-04	-0.03	0.0	-1.37e-04	-7.79e-05
775	19	-0.03	-5.73e-04	-0.02	0.0	-1.73e-04	-8.14e-05
775	21	-0.04	-2.72e-03	0.01	0.0	-2.89e-04	-7.20e-05
775	22	-0.04	3.35e-04	-0.03	0.0	-1.94e-04	-8.03e-05
775	23	-0.04	-2.72e-03	0.01	0.0	-2.89e-04	-7.20e-05
775	24	-0.04	-4.67e-06	-0.02	0.0	-2.05e-04	-7.94e-05
776	1	-0.06	-4.66e-03	0.02	0.0	-3.54e-04	-1.29e-04
776	4	-0.04	6.35e-03	-0.05	0.0	-1.00e-04	-9.92e-05
776	6	-0.18	1.63e-03	-8.60e-05	0.0	-8.16e-04	-1.98e-04
776	8	0.01	2.74e-03	-0.04	0.0	4.90e-05	-1.13e-04
776	12	-0.03	3.72e-03	-0.03	0.0	-1.42e-04	-9.50e-05
776	14	-0.06	1.77e-03	-0.02	0.0	-2.55e-04	-1.01e-04
776	16	-0.03	2.02e-03	-0.03	0.0	-1.13e-04	-9.50e-05
776	20	-0.04	2.36e-03	-0.02	0.0	-1.70e-04	-9.52e-05
776	21	-0.05	-3.58e-03	0.01	0.0	-2.73e-04	-9.89e-05
776	22	-0.04	2.38e-03	-0.03	0.0	-1.69e-04	-9.91e-05
776	23	-0.05	-3.58e-03	0.01	0.0	-2.73e-04	-9.89e-05
776	24	-0.04	1.71e-03	-0.02	0.0	-1.81e-04	-9.91e-05
777	1	-0.08	-5.82e-03	0.02	0.0	-3.22e-04	-1.63e-04
777	4	-0.04	0.01	-0.05	0.0	-7.90e-05	-1.11e-04
777	6	-0.21	1.33e-03	-1.33e-04	0.0	-7.81e-04	-2.45e-04
777	8	0.01	6.83e-03	-0.04	0.0	7.17e-05	-1.25e-04
777	14	-0.07	3.13e-03	-0.02	0.0	-2.32e-04	-1.22e-04
777	16	-0.03	4.26e-03	-0.03	0.0	-8.99e-05	-1.11e-04
777	20	-0.05	4.38e-03	-0.02	0.0	-1.47e-04	-1.12e-04
777	21	-0.06	-4.48e-03	0.01	0.0	-2.48e-04	-1.25e-04
777	22	-0.05	4.47e-03	-0.03	0.0	-1.47e-04	-1.16e-04
777	23	-0.06	-4.48e-03	0.01	0.0	-2.48e-04	-1.25e-04
777	24	-0.05	3.48e-03	-0.02	0.0	-1.58e-04	-1.17e-04
778	1	-0.09	-7.03e-03	0.02	0.0	-2.91e-04	-1.95e-04
778	4	-0.04	0.01	-0.05	0.0	-6.54e-05	-1.20e-04
778	6	-0.24	1.07e-03	-1.69e-04	0.0	-7.48e-04	-2.89e-04
778	8	0.02	0.01	-0.04	0.0	8.78e-05	-1.36e-04
778	14	-0.08	4.56e-03	-0.02	0.0	-2.13e-04	-1.41e-04
778	16	-0.04	6.58e-03	-0.03	0.0	-7.23e-05	-1.25e-04
778	21	-0.07	-5.41e-03	0.01	0.0	-2.24e-04	-1.50e-04
778	22	-0.05	6.64e-03	-0.03	0.0	-1.29e-04	-1.32e-04
778	23	-0.07	-5.41e-03	0.01	0.0	-2.24e-04	-1.50e-04
778	24	-0.06	5.31e-03	-0.02	0.0	-1.39e-04	-1.34e-04
779	1	-0.10	-8.29e-03	0.02	0.0	-2.69e-04	-2.25e-04
779	4	-0.05	0.02	-0.05	0.0	-5.85e-05	-1.28e-04
779	6	-0.27	8.33e-04	-1.93e-04	0.0	-7.22e-04	-3.31e-04
779	8	0.02	0.02	-0.04	0.0	9.68e-05	-1.45e-04
779	14	-0.09	6.06e-03	-0.02	0.0	-2.00e-04	-1.58e-04
779	16	-0.04	9.00e-03	-0.03	0.0	-6.15e-05	-1.38e-04
779	21	-0.08	-6.38e-03	0.01	0.0	-2.07e-04	-1.73e-04
779	22	-0.06	8.93e-03	-0.03	0.0	-1.18e-04	-1.46e-04
779	23	-0.08	-6.38e-03	0.01	0.0	-2.07e-04	-1.73e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
779	24	-0.06	7.22e-03	-0.02	0.0	-1.28e-04	-1.49e-04
780	1	-0.11	-9.61e-03	0.02	0.0	-2.59e-04	-2.55e-04
780	4	-0.05	0.02	-0.05	0.0	-5.72e-05	-1.36e-04
780	6	-0.30	6.25e-04	-2.05e-04	0.0	-7.13e-04	-3.72e-04
780	8	0.03	0.02	-0.04	0.0	9.99e-05	-1.55e-04
780	14	-0.09	7.65e-03	-0.02	0.0	-1.96e-04	-1.75e-04
780	16	-0.04	0.01	-0.03	0.0	-5.76e-05	-1.50e-04
780	21	-0.09	-7.39e-03	0.01	0.0	-1.99e-04	-1.96e-04
780	22	-0.06	0.01	-0.03	0.0	-1.14e-04	-1.60e-04
780	23	-0.09	-7.39e-03	0.01	0.0	-1.99e-04	-1.96e-04
780	24	-0.07	9.25e-03	-0.02	0.0	-1.23e-04	-1.64e-04
781	1	-0.12	-0.01	0.02	0.0	-2.62e-04	-2.69e-04
781	4	-0.05	0.03	-0.05	0.0	-5.97e-05	-1.40e-04
781	6	-0.33	4.37e-04	-2.03e-04	0.0	-7.23e-04	-3.92e-04
781	8	0.03	0.02	-0.04	0.0	9.96e-05	-1.59e-04
781	14	-0.10	9.35e-03	-0.02	0.0	-1.99e-04	-1.83e-04
781	16	-0.04	0.01	-0.03	0.0	-5.93e-05	-1.56e-04
781	21	-0.09	-8.44e-03	0.01	0.0	-2.02e-04	-2.07e-04
781	22	-0.07	0.01	-0.03	0.0	-1.16e-04	-1.67e-04
781	23	-0.09	-8.44e-03	0.01	0.0	-2.02e-04	-2.07e-04
781	24	-0.07	0.01	-0.02	0.0	-1.26e-04	-1.71e-04
782	2	-0.01	-9.76e-03	-0.05	0.0	-2.95e-04	-4.21e-05
782	4	-8.84e-03	-9.60e-03	-0.06	0.0	-2.52e-04	-3.82e-05
782	6	-0.04	3.31e-03	3.55e-04	0.0	-6.90e-04	-2.43e-05
782	7	0.02	-0.01	-0.05	0.0	-3.88e-06	-5.92e-05
782	8	0.01	-0.01	-0.05	0.0	-2.51e-05	-5.81e-05
782	14	-0.01	-3.59e-03	-0.02	0.0	-2.55e-04	-2.18e-05
782	15	-2.66e-03	-7.13e-03	-0.03	0.0	-1.46e-04	-3.11e-05
782	16	-2.80e-03	-7.08e-03	-0.03	0.0	-1.50e-04	-3.10e-05
782	22	-7.90e-03	-5.97e-03	-0.03	0.0	-2.08e-04	-2.81e-05
782	24	-7.75e-03	-5.36e-03	-0.02	0.0	-2.01e-04	-2.65e-05
783	2	-0.02	-5.97e-03	-0.05	0.0	-2.64e-04	-7.48e-05
783	4	-0.02	-5.59e-03	-0.06	0.0	-1.96e-04	-6.51e-05
783	6	-0.07	2.82e-03	2.73e-04	0.0	-7.62e-04	-8.38e-05
783	7	0.02	-0.01	-0.05	0.0	1.81e-05	-7.80e-05
783	8	0.01	-9.83e-03	-0.05	0.0	-1.32e-05	-7.53e-05
783	14	-0.02	-2.25e-03	-0.02	0.0	-2.72e-04	-4.78e-05
783	15	-8.76e-03	-4.90e-03	-0.03	0.0	-1.47e-04	-5.18e-05
783	16	-9.06e-03	-4.77e-03	-0.03	0.0	-1.52e-04	-5.14e-05
783	22	-0.02	-3.86e-03	-0.03	0.0	-2.08e-04	-5.20e-05
783	24	-0.02	-3.58e-03	-0.02	0.0	-2.09e-04	-4.98e-05
784	1	-0.03	-2.69e-03	0.02	0.0	-3.34e-04	-7.85e-05
784	2	-0.03	-2.21e-03	-0.05	0.0	-2.27e-04	-1.06e-04
784	4	-0.02	-1.59e-03	-0.06	0.0	-1.50e-04	-8.75e-05
784	6	-0.10	2.37e-03	2.02e-04	0.0	-7.87e-04	-1.48e-04
784	7	0.02	-6.60e-03	-0.05	0.0	4.81e-05	-9.73e-05
784	8	0.01	-5.59e-03	-0.05	0.0	1.01e-05	-9.24e-05
784	14	-0.03	-9.19e-04	-0.02	0.0	-2.67e-04	-7.59e-05
784	15	-0.01	-2.71e-03	-0.03	0.0	-1.33e-04	-7.38e-05
784	16	-0.02	-2.50e-03	-0.03	0.0	-1.39e-04	-7.31e-05
784	21	-0.02	-2.07e-03	0.01	0.0	-2.57e-04	-6.04e-05
784	22	-0.02	-1.78e-03	-0.03	0.0	-1.93e-04	-7.67e-05
784	23	-0.02	-2.07e-03	0.01	0.0	-2.57e-04	-6.04e-05
784	24	-0.02	-1.82e-03	-0.02	0.0	-2.00e-04	-7.49e-05
785	1	-0.05	-3.79e-03	0.02	0.0	-3.35e-04	-1.21e-04
785	4	-0.03	2.44e-03	-0.06	0.0	-1.14e-04	-1.07e-04
785	6	-0.14	1.97e-03	1.41e-04	0.0	-7.81e-04	-2.15e-04
785	8	0.01	-1.39e-03	-0.05	0.0	3.72e-05	-1.09e-04
785	11	-5.07e-03	-3.71e-03	-0.02	0.0	-5.23e-06	-1.22e-04
785	14	-0.05	4.17e-04	-0.02	0.0	-2.51e-04	-1.05e-04
785	16	-0.02	-2.38e-04	-0.03	0.0	-1.17e-04	-9.48e-05
785	19	-0.03	-6.56e-04	-0.02	0.0	-1.50e-04	-1.01e-04
785	21	-0.04	-2.91e-03	0.01	0.0	-2.58e-04	-9.29e-05
785	22	-0.03	2.97e-04	-0.03	0.0	-1.71e-04	-1.01e-04
785	23	-0.04	-2.91e-03	0.01	0.0	-2.58e-04	-9.29e-05
785	24	-0.03	-5.96e-05	-0.02	0.0	-1.81e-04	-1.00e-04
786	1	-0.06	-4.93e-03	0.02	0.0	-3.13e-04	-1.65e-04
786	4	-0.03	6.54e-03	-0.06	0.0	-8.63e-05	-1.23e-04
786	6	-0.17	1.61e-03	9.08e-05	0.0	-7.57e-04	-2.80e-04
786	8	0.02	2.81e-03	-0.05	0.0	6.29e-05	-1.23e-04
786	12	-0.03	3.84e-03	-0.03	0.0	-1.24e-04	-1.18e-04
786	14	-0.05	1.78e-03	-0.02	0.0	-2.30e-04	-1.32e-04
786	16	-0.02	2.04e-03	-0.03	0.0	-9.38e-05	-1.15e-04
786	20	-0.04	2.40e-03	-0.03	0.0	-1.49e-04	-1.20e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
786	21	-0.05	-3.79e-03	0.01	0.0	-2.41e-04	-1.27e-04
786	22	-0.04	2.41e-03	-0.03	0.0	-1.48e-04	-1.24e-04
786	23	-0.05	-3.79e-03	0.01	0.0	-2.41e-04	-1.27e-04
786	24	-0.04	1.72e-03	-0.02	0.0	-1.59e-04	-1.25e-04
787	1	-0.07	-6.12e-03	0.02	0.0	-2.83e-04	-2.07e-04
787	4	-0.04	0.01	-0.06	0.0	-6.73e-05	-1.36e-04
787	6	-0.20	1.30e-03	5.08e-05	0.0	-7.25e-04	-3.44e-04
787	8	0.02	7.06e-03	-0.05	0.0	8.38e-05	-1.36e-04
787	14	-0.06	3.18e-03	-0.02	0.0	-2.09e-04	-1.58e-04
787	16	-0.03	4.36e-03	-0.03	0.0	-7.30e-05	-1.34e-04
787	20	-0.04	4.50e-03	-0.03	0.0	-1.29e-04	-1.41e-04
787	21	-0.05	-4.71e-03	0.01	0.0	-2.18e-04	-1.59e-04
787	22	-0.04	4.57e-03	-0.03	0.0	-1.28e-04	-1.45e-04
787	23	-0.05	-4.71e-03	0.01	0.0	-2.18e-04	-1.59e-04
787	24	-0.05	3.54e-03	-0.02	0.0	-1.38e-04	-1.47e-04
788	1	-0.08	-7.36e-03	0.02	0.0	-2.55e-04	-2.47e-04
788	4	-0.04	0.02	-0.06	0.0	-5.55e-05	-1.47e-04
788	6	-0.23	1.02e-03	2.10e-05	0.0	-6.95e-04	-4.03e-04
788	8	0.02	0.01	-0.05	0.0	9.82e-05	-1.47e-04
788	14	-0.07	4.65e-03	-0.02	0.0	-1.92e-04	-1.82e-04
788	16	-0.03	6.76e-03	-0.03	0.0	-5.72e-05	-1.50e-04
788	21	-0.06	-5.66e-03	0.01	0.0	-1.96e-04	-1.90e-04
788	22	-0.05	6.81e-03	-0.03	0.0	-1.12e-04	-1.64e-04
788	23	-0.06	-5.66e-03	0.01	0.0	-1.96e-04	-1.90e-04
788	24	-0.05	5.43e-03	-0.02	0.0	-1.21e-04	-1.67e-04
789	1	-0.09	-8.63e-03	0.02	0.0	-2.35e-04	-2.84e-04
789	4	-0.04	0.02	-0.06	0.0	-4.97e-05	-1.57e-04
789	6	-0.25	7.79e-04	1.21e-06	0.0	-6.73e-04	-4.60e-04
789	8	0.03	0.02	-0.05	0.0	1.06e-04	-1.56e-04
789	14	-0.08	6.18e-03	-0.02	0.0	-1.81e-04	-2.04e-04
789	16	-0.03	9.25e-03	-0.03	0.0	-4.77e-05	-1.65e-04
789	21	-0.07	-6.64e-03	0.01	0.0	-1.81e-04	-2.18e-04
789	22	-0.05	9.15e-03	-0.03	0.0	-1.02e-04	-1.82e-04
789	23	-0.07	-6.64e-03	0.01	0.0	-1.81e-04	-2.18e-04
789	24	-0.05	7.40e-03	-0.02	0.0	-1.11e-04	-1.86e-04
790	1	-0.10	-9.95e-03	0.02	0.0	-2.26e-04	-3.20e-04
790	4	-0.04	0.02	-0.06	0.0	-4.87e-05	-1.66e-04
790	6	-0.28	5.57e-04	-7.64e-06	0.0	-6.65e-04	-5.16e-04
790	8	0.03	0.02	-0.05	0.0	1.09e-04	-1.64e-04
790	14	-0.09	7.81e-03	-0.02	0.0	-1.77e-04	-2.25e-04
790	16	-0.03	0.01	-0.03	0.0	-4.44e-05	-1.80e-04
790	21	-0.08	-7.65e-03	0.01	0.0	-1.74e-04	-2.46e-04
790	22	-0.06	0.01	-0.03	0.0	-9.88e-05	-1.98e-04
790	23	-0.08	-7.65e-03	0.01	0.0	-1.74e-04	-2.46e-04
790	24	-0.06	9.47e-03	-0.02	0.0	-1.07e-04	-2.04e-04
791	1	-0.11	-0.01	0.02	0.0	-2.29e-04	-3.37e-04
791	4	-0.05	0.03	-0.06	0.0	-5.06e-05	-1.70e-04
791	6	-0.31	3.51e-04	-4.00e-06	0.0	-6.73e-04	-5.43e-04
791	8	0.04	0.03	-0.05	0.0	1.09e-04	-1.68e-04
791	14	-0.09	9.54e-03	-0.02	0.0	-1.79e-04	-2.35e-04
791	16	-0.04	0.01	-0.03	0.0	-4.58e-05	-1.86e-04
791	21	-0.08	-8.69e-03	0.01	0.0	-1.76e-04	-2.60e-04
791	22	-0.06	0.01	-0.03	0.0	-1.01e-04	-2.06e-04
791	23	-0.08	-8.69e-03	0.01	0.0	-1.76e-04	-2.60e-04
791	24	-0.06	0.01	-0.02	0.0	-1.09e-04	-2.12e-04
792	2	-8.83e-03	-0.01	-0.06	0.0	-2.59e-04	-4.99e-05
792	4	-7.02e-03	-9.86e-03	-0.06	0.0	-2.21e-04	-4.50e-05
792	6	-0.04	3.30e-03	5.08e-04	0.0	-6.27e-04	-3.84e-05
792	7	0.02	-0.01	-0.05	0.0	1.50e-05	-6.22e-05
792	8	0.02	-0.01	-0.05	0.0	-7.46e-06	-6.17e-05
792	14	-0.01	-3.75e-03	-0.02	0.0	-2.28e-04	-2.77e-05
792	15	-1.29e-03	-7.39e-03	-0.03	0.0	-1.25e-04	-3.56e-05
792	16	-1.43e-03	-7.35e-03	-0.03	0.0	-1.29e-04	-3.55e-05
792	22	-6.62e-03	-6.18e-03	-0.03	0.0	-1.83e-04	-3.35e-05
792	24	-6.56e-03	-5.57e-03	-0.03	0.0	-1.76e-04	-3.16e-05
793	2	-0.02	-6.19e-03	-0.06	0.0	-2.28e-04	-8.84e-05
793	4	-0.01	-5.76e-03	-0.06	0.0	-1.69e-04	-7.64e-05
793	6	-0.07	2.80e-03	4.38e-04	0.0	-6.89e-04	-1.12e-04
793	7	0.02	-0.01	-0.05	0.0	3.89e-05	-8.23e-05
793	8	0.02	-0.01	-0.05	0.0	5.76e-06	-8.07e-05
793	14	-0.02	-2.37e-03	-0.02	0.0	-2.40e-04	-5.91e-05
793	15	-6.44e-03	-5.10e-03	-0.03	0.0	-1.23e-04	-5.97e-05
793	16	-6.75e-03	-4.97e-03	-0.03	0.0	-1.28e-04	-5.95e-05
793	22	-0.01	-4.03e-03	-0.03	0.0	-1.80e-04	-6.19e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
793	24	-0.01	-3.74e-03	-0.03	0.0	-1.81e-04	-5.94e-05
794	1	-0.03	-2.91e-03	0.02	0.0	-2.88e-04	-9.58e-05
794	4	-0.02	-1.66e-03	-0.06	0.0	-1.27e-04	-1.02e-04
794	6	-0.10	2.34e-03	3.77e-04	0.0	-7.10e-04	-1.91e-04
794	7	0.02	-6.87e-03	-0.05	0.0	6.85e-05	-1.02e-04
794	8	0.02	-5.82e-03	-0.05	0.0	2.85e-05	-9.94e-05
794	14	-0.03	-1.01e-03	-0.02	0.0	-2.34e-04	-9.27e-05
794	15	-0.01	-2.86e-03	-0.03	0.0	-1.08e-04	-8.51e-05
794	16	-0.01	-2.63e-03	-0.03	0.0	-1.14e-04	-8.46e-05
794	21	-0.02	-2.24e-03	0.02	0.0	-2.21e-04	-7.37e-05
794	22	-0.02	-1.89e-03	-0.03	0.0	-1.65e-04	-9.08e-05
794	23	-0.02	-2.24e-03	0.02	0.0	-2.21e-04	-7.37e-05
794	24	-0.02	-1.93e-03	-0.03	0.0	-1.71e-04	-8.89e-05
795	1	-0.04	-4.03e-03	0.02	0.0	-2.85e-04	-1.46e-04
795	4	-0.02	2.47e-03	-0.06	0.0	-9.42e-05	-1.24e-04
795	6	-0.13	1.93e-03	3.26e-04	0.0	-7.03e-04	-2.73e-04
795	8	0.02	-1.49e-03	-0.05	0.0	5.39e-05	-1.17e-04
795	11	2.55e-04	-3.97e-03	-0.03	0.0	2.42e-05	-1.30e-04
795	14	-0.04	3.63e-04	-0.02	0.0	-2.19e-04	-1.27e-04
795	16	-0.02	-3.07e-04	-0.03	0.0	-9.34e-05	-1.09e-04
795	19	-0.02	-7.50e-04	-0.03	0.0	-1.23e-04	-1.17e-04
795	21	-0.03	-3.10e-03	0.02	0.0	-2.20e-04	-1.12e-04
795	22	-0.03	2.43e-04	-0.03	0.0	-1.44e-04	-1.19e-04
795	23	-0.03	-3.10e-03	0.02	0.0	-2.20e-04	-1.12e-04
795	24	-0.03	-1.28e-04	-0.03	0.0	-1.53e-04	-1.18e-04
796	1	-0.05	-5.20e-03	0.02	0.0	-2.64e-04	-1.96e-04
796	4	-0.03	6.68e-03	-0.06	0.0	-7.04e-05	-1.42e-04
796	6	-0.15	1.56e-03	2.86e-04	0.0	-6.82e-04	-3.54e-04
796	8	0.02	2.85e-03	-0.05	0.0	7.72e-05	-1.32e-04
796	12	-0.02	3.92e-03	-0.04	0.0	-1.02e-04	-1.38e-04
796	14	-0.05	1.76e-03	-0.02	0.0	-2.00e-04	-1.59e-04
796	16	-0.02	2.04e-03	-0.03	0.0	-7.22e-05	-1.32e-04
796	20	-0.03	2.41e-03	-0.03	0.0	-1.25e-04	-1.41e-04
796	21	-0.04	-4.00e-03	0.02	0.0	-2.03e-04	-1.51e-04
796	22	-0.03	2.41e-03	-0.03	0.0	-1.24e-04	-1.45e-04
796	23	-0.04	-4.00e-03	0.02	0.0	-2.03e-04	-1.51e-04
796	24	-0.03	1.70e-03	-0.03	0.0	-1.32e-04	-1.46e-04
797	1	-0.06	-6.41e-03	0.02	0.0	-2.37e-04	-2.45e-04
797	4	-0.03	0.01	-0.06	0.0	-5.43e-05	-1.56e-04
797	6	-0.18	1.24e-03	2.54e-04	0.0	-6.54e-04	-4.31e-04
797	8	0.03	7.24e-03	-0.05	0.0	9.56e-05	-1.44e-04
797	14	-0.06	3.20e-03	-0.02	0.0	-1.81e-04	-1.89e-04
797	16	-0.02	4.43e-03	-0.03	0.0	-5.39e-05	-1.53e-04
797	20	-0.04	4.58e-03	-0.03	0.0	-1.07e-04	-1.64e-04
797	21	-0.05	-4.93e-03	0.02	0.0	-1.82e-04	-1.89e-04
797	22	-0.04	4.63e-03	-0.03	0.0	-1.05e-04	-1.69e-04
797	23	-0.05	-4.93e-03	0.02	0.0	-1.82e-04	-1.89e-04
797	24	-0.04	3.57e-03	-0.03	0.0	-1.14e-04	-1.71e-04
798	1	-0.07	-7.67e-03	0.02	0.0	-2.12e-04	-2.91e-04
798	4	-0.03	0.02	-0.06	0.0	-4.47e-05	-1.68e-04
798	6	-0.21	9.62e-04	2.30e-04	0.0	-6.28e-04	-5.04e-04
798	8	0.03	0.01	-0.05	0.0	1.08e-04	-1.54e-04
798	14	-0.06	4.70e-03	-0.02	0.0	-1.66e-04	-2.16e-04
798	16	-0.02	6.89e-03	-0.03	0.0	-4.04e-05	-1.70e-04
798	21	-0.05	-5.90e-03	0.02	0.0	-1.63e-04	-2.24e-04
798	22	-0.04	6.93e-03	-0.03	0.0	-9.21e-05	-1.90e-04
798	23	-0.05	-5.90e-03	0.02	0.0	-1.63e-04	-2.24e-04
798	24	-0.04	5.50e-03	-0.03	0.0	-1.00e-04	-1.94e-04
799	1	-0.08	-8.95e-03	0.02	0.0	-1.95e-04	-3.32e-04
799	4	-0.03	0.02	-0.06	0.0	-4.02e-05	-1.78e-04
799	6	-0.23	7.09e-04	2.15e-04	0.0	-6.09e-04	-5.72e-04
799	8	0.03	0.02	-0.05	0.0	1.14e-04	-1.61e-04
799	14	-0.07	6.27e-03	-0.02	0.0	-1.57e-04	-2.41e-04
799	16	-0.02	9.44e-03	-0.03	0.0	-3.26e-05	-1.86e-04
799	21	-0.06	-6.89e-03	0.02	0.0	-1.50e-04	-2.56e-04
799	22	-0.04	9.32e-03	-0.03	0.0	-8.41e-05	-2.09e-04
799	23	-0.06	-6.89e-03	0.02	0.0	-1.50e-04	-2.56e-04
799	24	-0.05	7.52e-03	-0.03	0.0	-9.15e-05	-2.14e-04
800	1	-0.09	-0.01	0.02	0.0	-1.88e-04	-3.73e-04
800	4	-0.04	0.02	-0.06	0.0	-3.94e-05	-1.87e-04
800	6	-0.26	4.77e-04	2.09e-04	0.0	-6.02e-04	-6.41e-04
800	8	0.04	0.02	-0.05	0.0	1.16e-04	-1.69e-04
800	14	-0.08	7.92e-03	-0.02	0.0	-1.54e-04	-2.66e-04
800	16	-0.03	0.01	-0.03	0.0	-2.99e-05	-2.01e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
800	21	-0.07	-7.90e-03	0.02	0.0	-1.45e-04	-2.87e-04
800	22	-0.05	0.01	-0.03	0.0	-8.15e-05	-2.27e-04
800	23	-0.07	-7.90e-03	0.02	0.0	-1.45e-04	-2.87e-04
800	24	-0.05	9.63e-03	-0.03	0.0	-8.85e-05	-2.34e-04
801	1	-0.09	-0.01	0.02	0.0	-1.90e-04	-3.93e-04
801	4	-0.04	0.03	-0.06	0.0	-4.07e-05	-1.92e-04
801	6	-0.28	2.57e-04	2.14e-04	0.0	-6.09e-04	-6.74e-04
801	8	0.04	0.03	-0.05	0.0	1.17e-04	-1.72e-04
801	14	-0.08	9.66e-03	-0.02	0.0	-1.56e-04	-2.77e-04
801	16	-0.03	0.01	-0.03	0.0	-3.07e-05	-2.08e-04
801	21	-0.07	-8.93e-03	0.02	0.0	-1.46e-04	-3.02e-04
801	22	-0.05	0.01	-0.03	0.0	-8.28e-05	-2.36e-04
801	23	-0.07	-8.93e-03	0.02	0.0	-1.46e-04	-3.02e-04
801	24	-0.05	0.01	-0.03	0.0	-8.99e-05	-2.43e-04
802	1	-7.09e-03	-1.04e-03	0.02	0.0	-1.38e-04	-2.53e-05
802	2	-6.54e-03	-0.01	-0.06	0.0	-2.17e-04	-5.68e-05
802	4	-4.90e-03	-0.01	-0.07	0.0	-1.86e-04	-5.10e-05
802	6	-0.04	3.26e-03	6.80e-04	0.0	-5.51e-04	-5.09e-05
802	7	0.02	-0.02	-0.06	0.0	3.51e-05	-6.47e-05
802	8	0.02	-0.02	-0.06	0.0	1.19e-05	-6.52e-05
802	14	-0.01	-3.89e-03	-0.02	0.0	-1.96e-04	-3.30e-05
802	15	2.59e-04	-7.62e-03	-0.03	0.0	-1.01e-04	-3.96e-05
802	16	1.26e-04	-7.58e-03	-0.03	0.0	-1.04e-04	-3.97e-05
802	21	-5.45e-03	-8.01e-04	0.02	0.0	-1.06e-04	-1.95e-05
802	22	-5.12e-03	-6.37e-03	-0.03	0.0	-1.54e-04	-3.84e-05
802	23	-5.45e-03	-8.01e-04	0.02	0.0	-1.06e-04	-1.95e-05
802	24	-5.16e-03	-5.75e-03	-0.03	0.0	-1.48e-04	-3.63e-05
803	2	-0.01	-6.39e-03	-0.06	0.0	-1.87e-04	-9.96e-05
803	4	-0.01	-5.92e-03	-0.07	0.0	-1.38e-04	-8.55e-05
803	6	-0.06	2.75e-03	6.21e-04	0.0	-6.02e-04	-1.37e-04
803	7	0.02	-0.01	-0.06	0.0	6.04e-05	-8.53e-05
803	8	0.02	-0.01	-0.06	0.0	2.63e-05	-8.56e-05
803	14	-0.02	-2.49e-03	-0.02	0.0	-2.03e-04	-6.87e-05
803	15	-3.81e-03	-5.29e-03	-0.03	0.0	-9.55e-05	-6.64e-05
803	16	-4.12e-03	-5.15e-03	-0.03	0.0	-1.01e-04	-6.64e-05
803	22	-0.01	-4.18e-03	-0.03	0.0	-1.48e-04	-7.01e-05
803	24	-0.01	-3.89e-03	-0.03	0.0	-1.49e-04	-6.75e-05
804	1	-0.02	-3.11e-03	0.02	0.0	-2.34e-04	-1.11e-04
804	4	-0.02	-1.75e-03	-0.07	0.0	-1.01e-04	-1.13e-04
804	6	-0.09	2.28e-03	5.71e-04	0.0	-6.18e-04	-2.28e-04
804	7	0.03	-7.12e-03	-0.06	0.0	8.86e-05	-1.05e-04
804	8	0.02	-6.03e-03	-0.06	0.0	4.78e-05	-1.05e-04
804	14	-0.03	-1.10e-03	-0.02	0.0	-1.96e-04	-1.06e-04
804	15	-7.39e-03	-3.00e-03	-0.03	0.0	-8.01e-05	-9.38e-05
804	16	-7.94e-03	-2.77e-03	-0.03	0.0	-8.63e-05	-9.38e-05
804	21	-0.02	-2.40e-03	0.02	0.0	-1.80e-04	-8.53e-05
804	22	-0.02	-2.01e-03	-0.03	0.0	-1.33e-04	-1.02e-04
804	23	-0.02	-2.40e-03	0.02	0.0	-1.80e-04	-8.53e-05
804	24	-0.02	-2.05e-03	-0.03	0.0	-1.38e-04	-1.00e-04
805	1	-0.03	-4.26e-03	0.02	0.0	-2.29e-04	-1.66e-04
805	4	-0.02	2.47e-03	-0.07	0.0	-7.35e-05	-1.35e-04
805	6	-0.11	1.86e-03	5.30e-04	0.0	-6.12e-04	-3.21e-04
805	8	0.02	-1.59e-03	-0.06	0.0	7.06e-05	-1.22e-04
805	11	5.77e-03	-4.22e-03	-0.03	0.0	5.24e-05	-1.29e-04
805	14	-0.03	2.91e-04	-0.02	0.0	-1.82e-04	-1.44e-04
805	16	-0.01	-3.90e-04	-0.03	0.0	-6.77e-05	-1.20e-04
805	19	-0.02	-8.56e-04	-0.03	0.0	-9.30e-05	-1.28e-04
805	21	-0.03	-3.28e-03	0.02	0.0	-1.76e-04	-1.28e-04
805	22	-0.02	1.71e-04	-0.03	0.0	-1.15e-04	-1.32e-04
805	23	-0.03	-3.28e-03	0.02	0.0	-1.76e-04	-1.28e-04
805	24	-0.02	-2.12e-04	-0.03	0.0	-1.21e-04	-1.32e-04
806	1	-0.04	-5.46e-03	0.02	0.0	-2.10e-04	-2.22e-04
806	4	-0.02	6.77e-03	-0.07	0.0	-5.38e-05	-1.53e-04
806	6	-0.14	1.49e-03	4.98e-04	0.0	-5.93e-04	-4.13e-04
806	8	0.03	2.86e-03	-0.06	0.0	9.07e-05	-1.36e-04
806	12	-0.02	3.98e-03	-0.04	0.0	-7.82e-05	-1.54e-04
806	14	-0.04	1.72e-03	-0.02	0.0	-1.66e-04	-1.79e-04
806	16	-0.01	2.01e-03	-0.03	0.0	-4.93e-05	-1.44e-04
806	20	-0.02	2.40e-03	-0.03	0.0	-9.82e-05	-1.56e-04
806	21	-0.03	-4.20e-03	0.02	0.0	-1.61e-04	-1.70e-04
806	22	-0.03	2.38e-03	-0.03	0.0	-9.68e-05	-1.60e-04
806	23	-0.03	-4.20e-03	0.02	0.0	-1.61e-04	-1.70e-04
806	24	-0.03	1.65e-03	-0.03	0.0	-1.04e-04	-1.61e-04
807	1	-0.05	-6.69e-03	0.02	0.0	-1.86e-04	-2.74e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
807	4	-0.02	0.01	-0.07	0.0	-4.10e-05	-1.68e-04
807	6	-0.16	1.16e-03	4.74e-04	0.0	-5.70e-04	-5.01e-04
807	8	0.03	7.37e-03	-0.06	0.0	1.06e-04	-1.47e-04
807	14	-0.05	3.19e-03	-0.02	0.0	-1.50e-04	-2.11e-04
807	16	-0.01	4.45e-03	-0.03	0.0	-3.41e-05	-1.65e-04
807	20	-0.03	4.61e-03	-0.03	0.0	-8.29e-05	-1.81e-04
807	21	-0.04	-5.15e-03	0.02	0.0	-1.43e-04	-2.11e-04
807	22	-0.03	4.65e-03	-0.03	0.0	-8.19e-05	-1.85e-04
807	23	-0.04	-5.15e-03	0.02	0.0	-1.43e-04	-2.11e-04
807	24	-0.03	3.56e-03	-0.03	0.0	-8.87e-05	-1.88e-04
808	1	-0.06	-7.96e-03	0.02	0.0	-1.66e-04	-3.22e-04
808	4	-0.03	0.02	-0.07	0.0	-3.39e-05	-1.79e-04
808	6	-0.18	8.79e-04	4.57e-04	0.0	-5.49e-04	-5.84e-04
808	8	0.04	0.01	-0.06	0.0	1.16e-04	-1.55e-04
808	14	-0.05	4.71e-03	-0.02	0.0	-1.39e-04	-2.40e-04
808	16	-0.02	6.97e-03	-0.03	0.0	-2.33e-05	-1.82e-04
808	21	-0.04	-6.13e-03	0.02	0.0	-1.27e-04	-2.48e-04
808	22	-0.03	6.99e-03	-0.03	0.0	-7.13e-05	-2.06e-04
808	23	-0.04	-6.13e-03	0.02	0.0	-1.27e-04	-2.48e-04
808	24	-0.03	5.53e-03	-0.03	0.0	-7.75e-05	-2.11e-04
809	1	-0.06	-9.27e-03	0.02	0.0	-1.52e-04	-3.66e-04
809	4	-0.03	0.02	-0.07	0.0	-3.08e-05	-1.88e-04
809	6	-0.21	6.24e-04	4.46e-04	0.0	-5.34e-04	-6.62e-04
809	8	0.04	0.02	-0.06	0.0	1.21e-04	-1.60e-04
809	14	-0.06	6.31e-03	-0.02	0.0	-1.31e-04	-2.67e-04
809	16	-0.02	9.57e-03	-0.03	0.0	-1.74e-05	-1.97e-04
809	21	-0.05	-7.13e-03	0.02	0.0	-1.17e-04	-2.82e-04
809	22	-0.04	9.42e-03	-0.03	0.0	-6.53e-05	-2.26e-04
809	23	-0.05	-7.13e-03	0.02	0.0	-1.17e-04	-2.82e-04
809	24	-0.04	7.58e-03	-0.03	0.0	-7.10e-05	-2.32e-04
810	1	-0.07	-0.01	0.02	0.0	-1.46e-04	-4.09e-04
810	4	-0.03	0.03	-0.07	0.0	-3.03e-05	-1.97e-04
810	6	-0.23	3.87e-04	4.43e-04	0.0	-5.29e-04	-7.41e-04
810	8	0.05	0.02	-0.06	0.0	1.22e-04	-1.65e-04
810	14	-0.06	7.98e-03	-0.02	0.0	-1.29e-04	-2.93e-04
810	16	-0.02	0.01	-0.03	0.0	-1.53e-05	-2.12e-04
810	21	-0.05	-8.15e-03	0.02	0.0	-1.13e-04	-3.15e-04
810	22	-0.04	0.01	-0.03	0.0	-6.32e-05	-2.44e-04
810	23	-0.05	-8.15e-03	0.02	0.0	-1.13e-04	-3.15e-04
810	24	-0.04	9.73e-03	-0.03	0.0	-6.87e-05	-2.52e-04
811	1	-0.08	-0.01	0.02	0.0	-1.47e-04	-4.29e-04
811	4	-0.03	0.03	-0.07	0.0	-3.06e-05	-2.01e-04
811	6	-0.25	1.56e-04	4.49e-04	0.0	-5.34e-04	-7.78e-04
811	8	0.05	0.03	-0.06	0.0	1.23e-04	-1.67e-04
811	14	-0.07	9.73e-03	-0.02	0.0	-1.30e-04	-3.05e-04
811	16	-0.02	0.02	-0.03	0.0	-1.53e-05	-2.19e-04
811	21	-0.06	-9.18e-03	0.02	0.0	-1.13e-04	-3.30e-04
811	22	-0.04	0.01	-0.03	0.0	-6.36e-05	-2.53e-04
811	23	-0.06	-9.18e-03	0.02	0.0	-1.13e-04	-3.30e-04
811	24	-0.04	0.01	-0.03	0.0	-6.91e-05	-2.62e-04
812	1	-6.20e-03	-1.18e-03	0.02	0.0	-1.08e-04	-2.85e-05
812	2	-3.98e-03	-0.01	-0.07	0.0	-1.72e-04	-6.22e-05
812	4	-2.55e-03	-0.01	-0.07	0.0	-1.47e-04	-5.57e-05
812	6	-0.04	3.20e-03	8.80e-04	0.0	-4.66e-04	-6.08e-05
812	7	0.02	-0.02	-0.06	0.0	5.55e-05	-6.63e-05
812	8	0.02	-0.02	-0.06	0.0	3.25e-05	-6.84e-05
812	14	-9.14e-03	-4.01e-03	-0.02	0.0	-1.60e-04	-3.71e-05
812	15	1.97e-03	-7.81e-03	-0.04	0.0	-7.42e-05	-4.27e-05
812	16	1.84e-03	-7.77e-03	-0.04	0.0	-7.77e-05	-4.31e-05
812	21	-4.77e-03	-9.07e-04	0.02	0.0	-8.28e-05	-2.19e-05
812	22	-3.44e-03	-6.54e-03	-0.04	0.0	-1.22e-04	-4.22e-05
812	23	-4.77e-03	-9.07e-04	0.02	0.0	-8.28e-05	-2.19e-05
812	24	-3.58e-03	-5.91e-03	-0.03	0.0	-1.17e-04	-3.99e-05
813	1	-0.01	-2.20e-03	0.02	0.0	-1.61e-04	-6.84e-05
813	2	-0.01	-6.58e-03	-0.07	0.0	-1.44e-04	-1.07e-04
813	4	-7.53e-03	-6.08e-03	-0.07	0.0	-1.07e-04	-9.11e-05
813	6	-0.06	2.67e-03	8.30e-04	0.0	-5.05e-04	-1.55e-04
813	7	0.03	-0.01	-0.06	0.0	8.11e-05	-8.61e-05
813	8	0.02	-0.01	-0.06	0.0	4.74e-05	-8.92e-05
813	14	-0.02	-2.61e-03	-0.02	0.0	-1.63e-04	-7.55e-05
813	15	-9.30e-04	-5.46e-03	-0.04	0.0	-6.62e-05	-7.08e-05
813	16	-1.24e-03	-5.32e-03	-0.04	0.0	-7.13e-05	-7.13e-05
813	21	-9.26e-03	-1.69e-03	0.02	0.0	-1.24e-04	-5.26e-05
813	22	-8.22e-03	-4.32e-03	-0.04	0.0	-1.14e-04	-7.57e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
813	23	-9.26e-03	-1.69e-03	0.02	0.0	-1.24e-04	-5.26e-05
813	24	-8.34e-03	-4.03e-03	-0.03	0.0	-1.15e-04	-7.31e-05
814	1	-0.02	-3.31e-03	0.02	0.0	-1.76e-04	-1.22e-04
814	4	-0.01	-1.85e-03	-0.07	0.0	-7.58e-05	-1.18e-04
814	6	-0.08	2.19e-03	7.89e-04	0.0	-5.16e-04	-2.54e-04
814	7	0.03	-7.35e-03	-0.06	0.0	1.07e-04	-1.03e-04
814	8	0.03	-6.23e-03	-0.06	0.0	6.68e-05	-1.08e-04
814	14	-0.02	-1.21e-03	-0.02	0.0	-1.56e-04	-1.15e-04
814	15	-3.31e-03	-3.14e-03	-0.04	0.0	-5.16e-05	-9.85e-05
814	16	-3.85e-03	-2.90e-03	-0.04	0.0	-5.76e-05	-9.93e-05
814	21	-0.01	-2.55e-03	0.02	0.0	-1.36e-04	-9.36e-05
814	22	-0.01	-2.13e-03	-0.04	0.0	-9.97e-05	-1.08e-04
814	23	-0.01	-2.55e-03	0.02	0.0	-1.36e-04	-9.36e-05
814	24	-0.01	-2.17e-03	-0.03	0.0	-1.04e-04	-1.07e-04
815	1	-0.03	-4.49e-03	0.02	0.0	-1.69e-04	-1.79e-04
815	4	-0.01	2.44e-03	-0.07	0.0	-5.33e-05	-1.40e-04
815	6	-0.10	1.76e-03	7.54e-04	0.0	-5.10e-04	-3.55e-04
815	8	0.03	-1.69e-03	-0.06	0.0	8.60e-05	-1.24e-04
815	11	0.01	-4.48e-03	-0.03	0.0	7.58e-05	-1.17e-04
815	14	-0.03	2.00e-04	-0.02	0.0	-1.43e-04	-1.54e-04
815	16	-5.83e-03	-4.87e-04	-0.04	0.0	-4.17e-05	-1.25e-04
815	19	-0.01	-9.75e-04	-0.03	0.0	-6.31e-05	-1.33e-04
815	21	-0.02	-3.45e-03	0.02	0.0	-1.30e-04	-1.38e-04
815	22	-0.02	8.11e-05	-0.04	0.0	-8.41e-05	-1.39e-04
815	23	-0.02	-3.45e-03	0.02	0.0	-1.30e-04	-1.38e-04
815	24	-0.02	-3.12e-04	-0.03	0.0	-8.92e-05	-1.39e-04
816	1	-0.03	-5.71e-03	0.02	0.0	-1.52e-04	-2.36e-04
816	4	-0.02	6.81e-03	-0.07	0.0	-3.81e-05	-1.56e-04
816	6	-0.12	1.38e-03	7.27e-04	0.0	-4.95e-04	-4.55e-04
816	8	0.03	2.85e-03	-0.06	0.0	1.02e-04	-1.36e-04
816	12	-8.86e-03	4.00e-03	-0.04	0.0	-5.33e-05	-1.65e-04
816	14	-0.03	1.65e-03	-0.02	0.0	-1.30e-04	-1.89e-04
816	16	-7.15e-03	1.95e-03	-0.04	0.0	-2.68e-05	-1.48e-04
816	20	-0.02	2.35e-03	-0.03	0.0	-7.08e-05	-1.64e-04
816	21	-0.03	-4.40e-03	0.02	0.0	-1.17e-04	-1.81e-04
816	22	-0.02	2.33e-03	-0.04	0.0	-6.98e-05	-1.66e-04
816	23	-0.03	-4.40e-03	0.02	0.0	-1.17e-04	-1.81e-04
816	24	-0.02	1.58e-03	-0.03	0.0	-7.50e-05	-1.68e-04
817	1	-0.04	-6.97e-03	0.02	0.0	-1.34e-04	-2.88e-04
817	4	-0.02	0.01	-0.07	0.0	-2.89e-05	-1.69e-04
817	6	-0.14	1.06e-03	7.08e-04	0.0	-4.78e-04	-5.49e-04
817	8	0.04	7.44e-03	-0.06	0.0	1.14e-04	-1.44e-04
817	14	-0.04	3.14e-03	-0.02	0.0	-1.18e-04	-2.22e-04
817	16	-7.94e-03	4.44e-03	-0.04	0.0	-1.51e-05	-1.67e-04
817	20	-0.02	4.61e-03	-0.03	0.0	-5.90e-05	-1.89e-04
817	21	-0.03	-5.36e-03	0.02	0.0	-1.03e-04	-2.22e-04
817	22	-0.02	4.63e-03	-0.04	0.0	-5.84e-05	-1.90e-04
817	23	-0.03	-5.36e-03	0.02	0.0	-1.03e-04	-2.22e-04
817	24	-0.02	3.52e-03	-0.03	0.0	-6.34e-05	-1.94e-04
818	1	-0.04	-8.26e-03	0.02	0.0	-1.18e-04	-3.36e-04
818	4	-0.02	0.02	-0.07	0.0	-2.42e-05	-1.78e-04
818	6	-0.16	7.76e-04	6.97e-04	0.0	-4.62e-04	-6.38e-04
818	8	0.04	0.01	-0.06	0.0	1.21e-04	-1.48e-04
818	14	-0.04	4.69e-03	-0.02	0.0	-1.10e-04	-2.51e-04
818	16	-8.32e-03	7.00e-03	-0.04	0.0	-7.35e-06	-1.83e-04
818	21	-0.03	-6.35e-03	0.02	0.0	-9.09e-05	-2.58e-04
818	22	-0.02	7.01e-03	-0.04	0.0	-5.09e-05	-2.10e-04
818	23	-0.03	-6.35e-03	0.02	0.0	-9.09e-05	-2.58e-04
818	24	-0.02	5.52e-03	-0.03	0.0	-5.54e-05	-2.16e-04
819	1	-0.05	-9.57e-03	0.02	0.0	-1.08e-04	-3.79e-04
819	4	-0.02	0.02	-0.07	0.0	-2.26e-05	-1.86e-04
819	6	-0.18	5.25e-04	6.91e-04	0.0	-4.52e-04	-7.22e-04
819	8	0.05	0.02	-0.06	0.0	1.24e-04	-1.51e-04
819	14	-0.05	6.31e-03	-0.02	0.0	-1.05e-04	-2.77e-04
819	16	-8.48e-03	9.64e-03	-0.04	0.0	-3.34e-06	-1.96e-04
819	21	-0.04	-7.36e-03	0.02	0.0	-8.35e-05	-2.91e-04
819	22	-0.03	9.47e-03	-0.04	0.0	-4.69e-05	-2.28e-04
819	23	-0.04	-7.36e-03	0.02	0.0	-8.35e-05	-2.91e-04
819	24	-0.03	7.60e-03	-0.03	0.0	-5.10e-05	-2.35e-04
820	1	-0.05	-0.01	0.02	0.0	-1.04e-04	-4.21e-04
820	4	-0.02	0.03	-0.07	0.0	-2.21e-05	-1.94e-04
820	6	-0.19	2.91e-04	6.91e-04	0.0	-4.47e-04	-8.07e-04
820	8	0.05	0.02	-0.06	0.0	1.25e-04	-1.52e-04
820	14	-0.05	7.99e-03	-0.02	0.0	-1.03e-04	-3.03e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
820	16	-8.55e-03	0.01	-0.04	0.0	-1.71e-06	-2.09e-04
820	21	-0.04	-8.38e-03	0.02	0.0	-8.01e-05	-3.24e-04
820	22	-0.03	0.01	-0.04	0.0	-4.53e-05	-2.46e-04
820	23	-0.04	-8.38e-03	0.02	0.0	-8.01e-05	-3.24e-04
820	24	-0.03	9.77e-03	-0.03	0.0	-4.92e-05	-2.54e-04
821	1	-0.06	-0.01	0.02	0.0	-1.03e-04	-4.41e-04
821	4	-0.02	0.03	-0.07	0.0	-2.12e-05	-1.97e-04
821	6	-0.21	5.35e-05	6.98e-04	0.0	-4.50e-04	-8.46e-04
821	8	0.06	0.03	-0.06	0.0	1.27e-04	-1.53e-04
821	14	-0.06	9.75e-03	-0.02	0.0	-1.03e-04	-3.15e-04
821	16	-8.59e-03	0.02	-0.04	0.0	0.0	-2.15e-04
821	21	-0.04	-9.42e-03	0.02	0.0	-7.92e-05	-3.39e-04
821	22	-0.03	0.01	-0.04	0.0	-4.44e-05	-2.54e-04
821	23	-0.04	-9.42e-03	0.02	0.0	-7.92e-05	-3.39e-04
821	24	-0.03	0.01	-0.03	0.0	-4.82e-05	-2.63e-04
822	1	-5.21e-03	-1.29e-03	0.02	0.0	-7.43e-05	-2.97e-05
822	2	-1.21e-03	-0.01	-0.07	0.0	-1.27e-04	-6.51e-05
822	4	-5.93e-06	-0.01	-0.08	0.0	-1.09e-04	-5.83e-05
822	6	-0.04	3.12e-03	1.12e-03	0.0	-3.74e-04	-6.66e-05
822	7	0.03	-0.02	-0.07	0.0	7.49e-05	-6.61e-05
822	8	0.03	-0.02	-0.07	0.0	5.33e-05	-7.07e-05
822	14	-7.54e-03	-4.12e-03	-0.03	0.0	-1.23e-04	-3.92e-05
822	15	3.79e-03	-7.97e-03	-0.04	0.0	-4.69e-05	-4.42e-05
822	16	3.69e-03	-7.93e-03	-0.04	0.0	-5.01e-05	-4.49e-05
822	21	-4.01e-03	-9.92e-04	0.02	0.0	-5.71e-05	-2.28e-05
822	22	-1.61e-03	-6.67e-03	-0.04	0.0	-8.85e-05	-4.41e-05
822	23	-4.01e-03	-9.92e-04	0.02	0.0	-5.71e-05	-2.28e-05
822	24	-1.87e-03	-6.04e-03	-0.03	0.0	-8.50e-05	-4.17e-05
823	1	-9.19e-03	-2.36e-03	0.02	0.0	-1.09e-04	-7.13e-05
823	2	-5.72e-03	-6.77e-03	-0.07	0.0	-1.02e-04	-1.08e-04
823	4	-3.60e-03	-6.23e-03	-0.08	0.0	-7.64e-05	-9.16e-05
823	6	-0.05	2.57e-03	1.08e-03	0.0	-4.02e-04	-1.64e-04
823	7	0.03	-0.01	-0.07	0.0	9.88e-05	-8.28e-05
823	8	0.03	-0.01	-0.07	0.0	6.77e-05	-9.04e-05
823	14	-0.01	-2.73e-03	-0.03	0.0	-1.23e-04	-7.76e-05
823	15	2.08e-03	-5.61e-03	-0.04	0.0	-3.75e-05	-7.13e-05
823	16	1.81e-03	-5.47e-03	-0.04	0.0	-4.21e-05	-7.25e-05
823	21	-7.07e-03	-1.81e-03	0.02	0.0	-8.41e-05	-5.48e-05
823	22	-4.99e-03	-4.46e-03	-0.04	0.0	-7.95e-05	-7.69e-05
823	23	-7.07e-03	-1.81e-03	0.02	0.0	-8.41e-05	-5.48e-05
823	24	-5.22e-03	-4.17e-03	-0.03	0.0	-8.00e-05	-7.44e-05
824	1	-0.01	-3.51e-03	0.02	0.0	-1.17e-04	-1.24e-04
824	4	-6.06e-03	-1.96e-03	-0.08	0.0	-5.23e-05	-1.16e-04
824	6	-0.07	2.07e-03	1.04e-03	0.0	-4.09e-04	-2.65e-04
824	7	0.03	-7.57e-03	-0.07	0.0	1.20e-04	-9.53e-05
824	8	0.03	-6.41e-03	-0.07	0.0	8.38e-05	-1.07e-04
824	14	-0.02	-1.33e-03	-0.03	0.0	-1.15e-04	-1.16e-04
824	15	8.59e-04	-3.28e-03	-0.04	0.0	-2.46e-05	-9.68e-05
824	16	3.73e-04	-3.04e-03	-0.04	0.0	-3.01e-05	-9.86e-05
824	21	-0.01	-2.70e-03	0.02	0.0	-9.02e-05	-9.57e-05
824	22	-7.91e-03	-2.26e-03	-0.04	0.0	-6.74e-05	-1.08e-04
824	23	-0.01	-2.70e-03	0.02	0.0	-9.02e-05	-9.57e-05
824	24	-8.21e-03	-2.31e-03	-0.03	0.0	-6.99e-05	-1.06e-04
825	1	-0.02	-4.72e-03	0.02	0.0	-1.10e-04	-1.80e-04
825	4	-7.72e-03	2.38e-03	-0.08	0.0	-3.55e-05	-1.34e-04
825	6	-0.08	1.63e-03	1.00e-03	0.0	-4.04e-04	-3.68e-04
825	8	0.03	-1.81e-03	-0.07	0.0	9.86e-05	-1.20e-04
825	11	0.02	-4.75e-03	-0.03	0.0	9.03e-05	-8.72e-05
825	14	-0.02	8.98e-05	-0.03	0.0	-1.05e-04	-1.53e-04
825	16	-5.38e-04	-5.99e-04	-0.04	0.0	-1.76e-05	-1.22e-04
825	19	-6.37e-03	-1.11e-03	-0.03	0.0	-3.55e-05	-1.27e-04
825	21	-0.01	-3.63e-03	0.02	0.0	-8.48e-05	-1.38e-04
825	22	-0.01	-2.67e-05	-0.04	0.0	-5.52e-05	-1.36e-04
825	23	-0.01	-3.63e-03	0.02	0.0	-8.48e-05	-1.38e-04
825	24	-0.01	-4.27e-04	-0.03	0.0	-5.85e-05	-1.36e-04
826	1	-0.02	-5.97e-03	0.02	0.0	-9.72e-05	-2.33e-04
826	4	-8.83e-03	6.81e-03	-0.08	0.0	-2.48e-05	-1.47e-04
826	6	-0.10	1.25e-03	9.71e-04	0.0	-3.93e-04	-4.69e-04
826	8	0.04	2.80e-03	-0.07	0.0	1.10e-04	-1.27e-04
826	12	-1.78e-03	3.98e-03	-0.05	0.0	-2.89e-05	-1.68e-04
826	14	-0.03	1.55e-03	-0.03	0.0	-9.56e-05	-1.86e-04
826	16	-9.62e-04	1.87e-03	-0.04	0.0	-6.78e-06	-1.41e-04
826	20	-0.01	2.29e-03	-0.04	0.0	-4.49e-05	-1.61e-04
826	21	-0.02	-4.59e-03	0.02	0.0	-7.48e-05	-1.79e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
826	22	-0.01	2.25e-03	-0.04	0.0	-4.48e-05	-1.60e-04
826	23	-0.02	-4.59e-03	0.02	0.0	-7.48e-05	-1.79e-04
826	24	-0.01	1.49e-03	-0.03	0.0	-4.82e-05	-1.62e-04
827	1	-0.03	-7.25e-03	0.02	0.0	-8.39e-05	-2.81e-04
827	4	-9.64e-03	0.01	-0.08	0.0	-1.91e-05	-1.57e-04
827	6	-0.12	9.28e-04	9.51e-04	0.0	-3.81e-04	-5.65e-04
827	8	0.04	7.47e-03	-0.07	0.0	1.18e-04	-1.31e-04
827	14	-0.03	3.06e-03	-0.03	0.0	-8.78e-05	-2.16e-04
827	16	-1.00e-03	4.40e-03	-0.04	0.0	1.12e-06	-1.57e-04
827	20	-0.01	4.58e-03	-0.04	0.0	-3.70e-05	-1.83e-04
827	21	-0.02	-5.57e-03	0.02	0.0	-6.46e-05	-2.16e-04
827	22	-0.01	4.58e-03	-0.04	0.0	-3.73e-05	-1.80e-04
827	23	-0.02	-5.57e-03	0.02	0.0	-6.46e-05	-2.16e-04
827	24	-0.01	3.45e-03	-0.03	0.0	-4.03e-05	-1.84e-04
828	1	-0.03	-8.54e-03	0.02	0.0	-7.38e-05	-3.24e-04
828	4	-0.01	0.02	-0.08	0.0	-1.69e-05	-1.63e-04
828	6	-0.13	6.50e-04	9.43e-04	0.0	-3.71e-04	-6.56e-04
828	8	0.05	0.01	-0.07	0.0	1.22e-04	-1.31e-04
828	14	-0.03	4.63e-03	-0.03	0.0	-8.27e-05	-2.43e-04
828	16	-7.99e-04	6.99e-03	-0.04	0.0	5.80e-06	-1.69e-04
828	21	-0.02	-6.57e-03	0.02	0.0	-5.68e-05	-2.49e-04
828	22	-0.02	6.98e-03	-0.04	0.0	-3.29e-05	-1.98e-04
828	23	-0.02	-6.57e-03	0.02	0.0	-5.68e-05	-2.49e-04
828	24	-0.02	5.48e-03	-0.03	0.0	-3.55e-05	-2.03e-04
829	1	-0.03	-9.86e-03	0.02	0.0	-6.78e-05	-3.62e-04
829	4	-0.01	0.02	-0.08	0.0	-1.65e-05	-1.68e-04
829	6	-0.14	4.11e-04	9.44e-04	0.0	-3.65e-04	-7.41e-04
829	8	0.05	0.02	-0.07	0.0	1.24e-04	-1.30e-04
829	14	-0.04	6.27e-03	-0.03	0.0	-8.00e-05	-2.67e-04
829	16	-4.70e-04	9.66e-03	-0.04	0.0	7.96e-06	-1.79e-04
829	21	-0.02	-7.59e-03	0.02	0.0	-5.22e-05	-2.79e-04
829	22	-0.02	9.47e-03	-0.04	0.0	-3.08e-05	-2.13e-04
829	23	-0.02	-7.59e-03	0.02	0.0	-5.22e-05	-2.79e-04
829	24	-0.02	7.58e-03	-0.03	0.0	-3.32e-05	-2.20e-04
830	1	-0.03	-0.01	0.02	0.0	-6.43e-05	-4.00e-04
830	4	-0.01	0.03	-0.08	0.0	-1.59e-05	-1.73e-04
830	6	-0.16	1.91e-04	9.49e-04	0.0	-3.62e-04	-8.27e-04
830	8	0.06	0.02	-0.07	0.0	1.25e-04	-1.27e-04
830	14	-0.04	7.97e-03	-0.03	0.0	-7.83e-05	-2.90e-04
830	16	-9.25e-05	0.01	-0.04	0.0	9.42e-06	-1.89e-04
830	21	-0.03	-8.62e-03	0.02	0.0	-4.95e-05	-3.08e-04
830	22	-0.02	0.01	-0.04	0.0	-2.94e-05	-2.27e-04
830	23	-0.03	-8.62e-03	0.02	0.0	-4.95e-05	-3.08e-04
830	24	-0.02	9.76e-03	-0.03	0.0	-3.16e-05	-2.36e-04
831	1	-0.04	-0.01	0.02	0.0	-6.03e-05	-4.18e-04
831	4	-0.01	0.03	-0.08	0.0	-1.35e-05	-1.76e-04
831	6	-0.17	-4.27e-05	9.56e-04	0.0	-3.61e-04	-8.68e-04
831	8	0.06	0.03	-0.07	0.0	1.27e-04	-1.26e-04
831	14	-0.04	9.74e-03	-0.03	0.0	-7.59e-05	-3.01e-04
831	16	3.42e-04	0.02	-0.04	0.0	1.21e-05	-1.93e-04
831	21	-0.03	-9.66e-03	0.02	0.0	-4.64e-05	-3.22e-04
831	22	-0.02	0.01	-0.04	0.0	-2.66e-05	-2.34e-04
831	23	-0.03	-9.66e-03	0.02	0.0	-4.64e-05	-3.22e-04
831	24	-0.02	0.01	-0.03	0.0	-2.88e-05	-2.44e-04
832	1	-4.20e-03	-1.38e-03	0.03	0.0	-3.99e-05	-2.67e-05
832	2	1.63e-03	-0.01	-0.08	0.0	-8.41e-05	-6.32e-05
832	4	2.60e-03	-0.01	-0.08	0.0	-7.49e-05	-5.71e-05
832	6	-0.03	3.02e-03	1.43e-03	0.0	-2.84e-04	-6.59e-05
832	7	0.03	-0.02	-0.07	0.0	9.06e-05	-6.23e-05
832	8	0.03	-0.02	-0.08	0.0	7.24e-05	-7.07e-05
832	14	-5.90e-03	-4.21e-03	-0.03	0.0	-8.72e-05	-3.76e-05
832	15	5.65e-03	-8.09e-03	-0.04	0.0	-2.14e-05	-4.24e-05
832	16	5.58e-03	-8.06e-03	-0.04	0.0	-2.41e-05	-4.37e-05
832	21	-3.23e-03	-1.06e-03	0.02	0.0	-3.07e-05	-2.06e-05
832	22	2.67e-04	-6.79e-03	-0.04	0.0	-5.72e-05	-4.25e-05
832	23	-3.23e-03	-1.06e-03	0.02	0.0	-3.07e-05	-2.06e-05
832	24	-1.21e-04	-6.15e-03	-0.04	0.0	-5.43e-05	-4.00e-05
833	1	-6.32e-03	-2.51e-03	0.03	0.0	-5.93e-05	-6.57e-05
833	2	-1.24e-03	-6.95e-03	-0.08	0.0	-6.46e-05	-9.94e-05
833	4	2.21e-04	-6.37e-03	-0.08	0.0	-5.09e-05	-8.42e-05
833	6	-0.04	2.44e-03	1.37e-03	0.0	-3.01e-04	-1.58e-04
833	7	0.03	-0.01	-0.07	0.0	1.10e-04	-7.26e-05
833	8	0.03	-0.01	-0.08	0.0	8.47e-05	-8.65e-05
833	14	-9.32e-03	-2.85e-03	-0.03	0.0	-8.45e-05	-7.19e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
833	15	5.02e-03	-5.75e-03	-0.04	0.0	-1.23e-05	-6.51e-05
833	16	4.81e-03	-5.61e-03	-0.04	0.0	-1.62e-05	-6.72e-05
833	21	-4.86e-03	-1.93e-03	0.02	0.0	-4.56e-05	-5.05e-05
833	22	-1.81e-03	-4.59e-03	-0.04	0.0	-4.88e-05	-7.08e-05
833	23	-4.86e-03	-1.93e-03	0.02	0.0	-4.56e-05	-5.05e-05
833	24	-2.15e-03	-4.30e-03	-0.04	0.0	-4.84e-05	-6.85e-05
834	1	-8.77e-03	-3.72e-03	0.03	0.0	-6.26e-05	-1.13e-04
834	4	-1.34e-03	-2.08e-03	-0.08	0.0	-3.36e-05	-1.02e-04
834	6	-0.06	1.93e-03	1.32e-03	0.0	-3.04e-04	-2.54e-04
834	7	0.04	-7.77e-03	-0.07	0.0	1.26e-04	-7.65e-05
834	8	0.04	-6.57e-03	-0.08	0.0	9.65e-05	-9.82e-05
834	14	-0.01	-1.46e-03	-0.03	0.0	-7.84e-05	-1.05e-04
834	15	4.80e-03	-3.42e-03	-0.04	0.0	-2.42e-06	-8.48e-05
834	16	4.41e-03	-3.18e-03	-0.04	0.0	-6.88e-06	-8.81e-05
834	21	-6.75e-03	-2.86e-03	0.02	0.0	-4.82e-05	-8.68e-05
834	22	-3.50e-03	-2.39e-03	-0.04	0.0	-3.94e-05	-9.60e-05
834	23	-6.75e-03	-2.86e-03	0.02	0.0	-4.82e-05	-8.68e-05
834	24	-3.87e-03	-2.44e-03	-0.04	0.0	-4.04e-05	-9.50e-05
835	1	-0.01	-4.96e-03	0.03	0.0	-5.75e-05	-1.60e-04
835	4	-2.35e-03	2.30e-03	-0.08	0.0	-2.23e-05	-1.14e-04
835	6	-0.07	1.48e-03	1.27e-03	0.0	-3.00e-04	-3.52e-04
835	8	0.04	-1.94e-03	-0.08	0.0	1.06e-04	-1.05e-04
835	11	0.02	-5.02e-03	-0.04	0.0	9.08e-05	-3.43e-05
835	14	-0.02	-3.63e-05	-0.03	0.0	-7.15e-05	-1.36e-04
835	16	4.39e-03	-7.24e-04	-0.04	0.0	1.69e-06	-1.06e-04
835	19	-1.31e-03	-1.25e-03	-0.04	0.0	-1.36e-05	-1.06e-04
835	21	-8.55e-03	-3.82e-03	0.02	0.0	-4.42e-05	-1.23e-04
835	22	-4.83e-03	-1.50e-04	-0.04	0.0	-3.11e-05	-1.18e-04
835	23	-8.55e-03	-3.82e-03	0.02	0.0	-4.42e-05	-1.23e-04
835	24	-5.24e-03	-5.57e-04	-0.04	0.0	-3.25e-05	-1.18e-04
836	1	-0.01	-6.23e-03	0.03	0.0	-4.92e-05	-2.04e-04
836	4	-3.02e-03	6.77e-03	-0.08	0.0	-1.58e-05	-1.22e-04
836	6	-0.08	1.10e-03	1.22e-03	0.0	-2.93e-04	-4.47e-04
836	8	0.04	2.73e-03	-0.08	0.0	1.13e-04	-1.07e-04
836	9	-0.01	-3.98e-03	-0.01	0.0	-2.40e-05	-1.26e-04
836	14	-0.02	1.43e-03	-0.03	0.0	-6.54e-05	-1.64e-04
836	16	4.67e-03	1.77e-03	-0.04	0.0	8.37e-06	-1.19e-04
836	20	-4.21e-03	2.19e-03	-0.04	0.0	-2.31e-05	-1.42e-04
836	21	-0.01	-4.80e-03	0.02	0.0	-3.79e-05	-1.57e-04
836	22	-5.86e-03	2.14e-03	-0.04	0.0	-2.46e-05	-1.36e-04
836	23	-0.01	-4.80e-03	0.02	0.0	-3.79e-05	-1.57e-04
836	24	-6.33e-03	1.37e-03	-0.04	0.0	-2.61e-05	-1.38e-04
837	1	-0.01	-7.52e-03	0.03	0.0	-4.15e-05	-2.42e-04
837	4	-3.52e-03	0.01	-0.08	0.0	-1.30e-05	-1.27e-04
837	6	-0.09	7.74e-04	1.19e-03	0.0	-2.86e-04	-5.39e-04
837	8	0.05	7.45e-03	-0.08	0.0	1.17e-04	-1.06e-04
837	14	-0.02	2.96e-03	-0.03	0.0	-6.11e-05	-1.88e-04
837	16	5.17e-03	4.32e-03	-0.04	0.0	1.27e-05	-1.29e-04
837	20	-4.97e-03	4.51e-03	-0.04	0.0	-1.87e-05	-1.59e-04
837	21	-0.01	-5.79e-03	0.02	0.0	-3.19e-05	-1.86e-04
837	22	-6.68e-03	4.50e-03	-0.04	0.0	-2.06e-05	-1.51e-04
837	23	-0.01	-5.79e-03	0.02	0.0	-3.19e-05	-1.86e-04
837	24	-7.20e-03	3.35e-03	-0.04	0.0	-2.18e-05	-1.55e-04
838	1	-0.02	-8.83e-03	0.03	0.0	-3.63e-05	-2.76e-04
838	4	-3.99e-03	0.02	-0.08	0.0	-1.29e-05	-1.30e-04
838	6	-0.10	4.99e-04	1.18e-03	0.0	-2.82e-04	-6.26e-04
838	8	0.05	0.01	-0.08	0.0	1.19e-04	-1.01e-04
838	14	-0.02	4.54e-03	-0.03	0.0	-5.90e-05	-2.10e-04
838	16	5.79e-03	6.93e-03	-0.04	0.0	1.46e-05	-1.36e-04
838	21	-0.01	-6.79e-03	0.02	0.0	-2.79e-05	-2.12e-04
838	22	-7.40e-03	6.92e-03	-0.04	0.0	-1.89e-05	-1.63e-04
838	23	-0.01	-6.79e-03	0.02	0.0	-2.79e-05	-2.12e-04
838	24	-7.97e-03	5.40e-03	-0.04	0.0	-1.99e-05	-1.69e-04
839	1	-0.02	-0.01	0.03	0.0	-3.36e-05	-3.07e-04
839	4	-4.49e-03	0.02	-0.08	0.0	-1.37e-05	-1.32e-04
839	6	-0.11	2.75e-04	1.19e-03	0.0	-2.80e-04	-7.08e-04
839	8	0.06	0.02	-0.08	0.0	1.19e-04	-9.49e-05
839	14	-0.03	6.19e-03	-0.03	0.0	-5.84e-05	-2.30e-04
839	16	6.43e-03	9.63e-03	-0.04	0.0	1.51e-05	-1.41e-04
839	21	-0.01	-7.81e-03	0.02	0.0	-2.58e-05	-2.36e-04
839	22	-8.10e-03	9.43e-03	-0.04	0.0	-1.85e-05	-1.73e-04
839	23	-0.01	-7.81e-03	0.02	0.0	-2.58e-05	-2.36e-04
839	24	-8.70e-03	7.51e-03	-0.04	0.0	-1.93e-05	-1.80e-04
840	1	-0.02	-0.01	0.03	0.0	-3.02e-05	-3.37e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
840	4	-5.01e-03	0.03	-0.08	0.0	-1.29e-05	-1.33e-04
840	6	-0.13	9.07e-05	1.21e-03	0.0	-2.79e-04	-7.91e-04
840	8	0.06	0.02	-0.08	0.0	1.20e-04	-8.77e-05
840	14	-0.03	7.91e-03	-0.03	0.0	-5.68e-05	-2.49e-04
840	16	7.09e-03	0.01	-0.04	0.0	1.67e-05	-1.46e-04
840	21	-0.01	-8.84e-03	0.02	0.0	-2.33e-05	-2.59e-04
840	22	-8.79e-03	0.01	-0.04	0.0	-1.70e-05	-1.83e-04
840	23	-0.01	-8.84e-03	0.02	0.0	-2.33e-05	-2.59e-04
840	24	-9.41e-03	9.71e-03	-0.04	0.0	-1.77e-05	-1.92e-04
841	1	-0.02	-0.01	0.03	0.0	-2.25e-05	-3.51e-04
841	4	-5.45e-03	0.03	-0.08	0.0	-8.66e-06	-1.34e-04
841	6	-0.14	-1.18e-04	1.22e-03	0.0	-2.73e-04	-8.29e-04
841	8	0.07	0.03	-0.08	0.0	1.24e-04	-8.46e-05
841	14	-0.03	9.68e-03	-0.03	0.0	-5.19e-05	-2.58e-04
841	16	7.85e-03	0.02	-0.04	0.0	2.14e-05	-1.49e-04
841	21	-0.02	-9.90e-03	0.02	0.0	-1.73e-05	-2.70e-04
841	22	-9.37e-03	0.01	-0.04	0.0	-1.21e-05	-1.88e-04
841	23	-0.02	-9.90e-03	0.02	0.0	-1.73e-05	-2.70e-04
841	24	-0.01	0.01	-0.04	0.0	-1.27e-05	-1.97e-04
842	2	4.27e-03	-0.01	-0.08	0.0	-5.27e-05	-5.30e-05
842	4	5.04e-03	-0.01	-0.09	0.0	-5.04e-05	-4.93e-05
842	7	0.03	-0.02	-0.08	0.0	9.68e-05	-5.23e-05
842	8	0.03	-0.02	-0.08	0.0	8.54e-05	-6.54e-05
842	15	7.37e-03	-8.18e-03	-0.05	0.0	-2.81e-06	-3.47e-05
842	16	7.35e-03	-8.16e-03	-0.05	0.0	-4.48e-06	-3.65e-05
842	21	-2.60e-03	-1.12e-03	0.02	0.0	-7.71e-06	-1.23e-05
842	22	1.99e-03	-6.88e-03	-0.05	0.0	-3.33e-05	-3.45e-05
842	23	-2.60e-03	-1.12e-03	0.02	0.0	-7.71e-06	-1.23e-05
842	24	1.48e-03	-6.24e-03	-0.04	0.0	-3.05e-05	-3.20e-05
843	1	-3.89e-03	-2.67e-03	0.03	0.0	-1.88e-05	-4.45e-05
843	2	2.62e-03	-7.11e-03	-0.08	0.0	-3.92e-05	-7.48e-05
843	4	3.51e-03	-6.50e-03	-0.09	0.0	-3.48e-05	-6.45e-05
843	6	-0.04	2.29e-03	1.73e-03	0.0	-2.08e-04	-1.30e-04
843	7	0.04	-0.01	-0.08	0.0	1.09e-04	-5.02e-05
843	8	0.04	-0.01	-0.08	0.0	9.40e-05	-7.27e-05
843	15	7.52e-03	-5.88e-03	-0.05	0.0	4.01e-06	-4.74e-05
843	16	7.42e-03	-5.74e-03	-0.05	0.0	1.73e-06	-5.07e-05
843	21	-2.99e-03	-2.05e-03	0.02	0.0	-1.44e-05	-3.42e-05
843	22	9.12e-04	-4.72e-03	-0.05	0.0	-2.67e-05	-5.24e-05
843	23	-2.99e-03	-2.05e-03	0.02	0.0	-1.44e-05	-3.42e-05
843	24	4.78e-04	-4.42e-03	-0.04	0.0	-2.53e-05	-5.04e-05
844	1	-4.54e-03	-3.93e-03	0.03	0.0	-2.02e-05	-7.67e-05
844	4	2.51e-03	-2.19e-03	-0.09	0.0	-2.33e-05	-7.23e-05
844	6	-0.05	1.76e-03	1.63e-03	0.0	-2.07e-04	-2.11e-04
844	7	0.04	-7.95e-03	-0.08	0.0	1.19e-04	-4.05e-05
844	8	0.04	-6.73e-03	-0.08	0.0	1.01e-04	-7.55e-05
844	14	-8.53e-03	-1.59e-03	-0.03	0.0	-4.99e-05	-7.58e-05
844	15	7.96e-03	-3.57e-03	-0.05	0.0	1.05e-05	-5.64e-05
844	16	7.74e-03	-3.32e-03	-0.05	0.0	7.90e-06	-6.16e-05
844	21	-3.49e-03	-3.02e-03	0.02	0.0	-1.56e-05	-5.90e-05
844	22	1.12e-04	-2.52e-03	-0.05	0.0	-2.02e-05	-6.70e-05
844	23	-3.49e-03	-3.02e-03	0.02	0.0	-1.56e-05	-5.90e-05
844	24	-2.89e-04	-2.58e-03	-0.04	0.0	-1.97e-05	-6.61e-05
845	1	-5.14e-03	-5.21e-03	0.03	0.0	-1.78e-05	-1.08e-04
845	4	1.85e-03	2.20e-03	-0.09	0.0	-1.63e-05	-7.61e-05
845	6	-0.05	1.31e-03	1.55e-03	0.0	-2.03e-04	-2.94e-04
845	8	0.04	-2.07e-03	-0.08	0.0	1.06e-04	-7.43e-05
845	11	0.02	-5.29e-03	-0.04	0.0	6.84e-05	5.12e-05
845	14	-0.01	-1.74e-04	-0.03	0.0	-4.57e-05	-9.63e-05
845	16	8.28e-03	-8.57e-04	-0.05	0.0	1.27e-05	-6.93e-05
845	19	2.49e-03	-1.40e-03	-0.04	0.0	-1.84e-06	-6.29e-05
845	21	-3.96e-03	-4.01e-03	0.02	0.0	-1.37e-05	-8.28e-05
845	22	-4.72e-04	-2.82e-04	-0.05	0.0	-1.53e-05	-7.87e-05
845	23	-3.96e-03	-4.01e-03	0.02	0.0	-1.37e-05	-8.28e-05
845	24	-8.59e-04	-6.96e-04	-0.04	0.0	-1.51e-05	-7.92e-05
846	1	-5.62e-03	-6.50e-03	0.03	0.0	-1.41e-05	-1.35e-04
846	4	1.37e-03	6.70e-03	-0.09	0.0	-1.28e-05	-7.71e-05
846	6	-0.06	9.28e-04	1.47e-03	0.0	-1.99e-04	-3.75e-04
846	8	0.05	2.63e-03	-0.08	0.0	1.10e-04	-6.97e-05
846	9	-0.01	-4.29e-03	-0.01	0.0	-2.13e-05	-8.68e-06
846	14	-0.01	1.30e-03	-0.03	0.0	-4.26e-05	-1.15e-04
846	16	8.96e-03	1.65e-03	-0.05	0.0	1.60e-05	-7.42e-05
846	20	1.10e-03	2.08e-03	-0.04	0.0	-7.69e-06	-9.95e-05
846	21	-4.32e-03	-5.00e-03	0.02	0.0	-1.09e-05	-1.04e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
846	22	-9.08e-04	2.02e-03	-0.05	0.0	-1.20e-05	-8.78e-05
846	23	-4.32e-03	-5.00e-03	0.02	0.0	-1.09e-05	-1.04e-04
846	24	-1.29e-03	1.24e-03	-0.04	0.0	-1.19e-05	-8.96e-05
847	1	-5.97e-03	-7.80e-03	0.03	0.0	-1.08e-05	-1.59e-04
847	4	9.56e-04	0.01	-0.09	0.0	-1.19e-05	-7.65e-05
847	6	-0.07	6.03e-04	1.42e-03	0.0	-1.96e-04	-4.54e-04
847	8	0.05	7.38e-03	-0.08	0.0	1.11e-04	-6.25e-05
847	14	-0.01	2.84e-03	-0.03	0.0	-4.08e-05	-1.31e-04
847	16	9.73e-03	4.21e-03	-0.05	0.0	1.76e-05	-7.67e-05
847	20	8.97e-04	4.41e-03	-0.04	0.0	-5.98e-06	-1.09e-04
847	21	-4.59e-03	-6.00e-03	0.02	0.0	-8.33e-06	-1.22e-04
847	22	-1.26e-03	4.39e-03	-0.05	0.0	-1.05e-05	-9.48e-05
847	23	-4.59e-03	-6.00e-03	0.02	0.0	-8.33e-06	-1.22e-04
847	24	-1.63e-03	3.23e-03	-0.04	0.0	-1.02e-05	-9.78e-05
848	1	-6.23e-03	-9.11e-03	0.03	0.0	-8.89e-06	-1.80e-04
848	4	5.22e-04	0.02	-0.09	0.0	-1.30e-05	-7.51e-05
848	6	-0.08	3.25e-04	1.39e-03	0.0	-1.96e-04	-5.31e-04
848	8	0.06	0.01	-0.08	0.0	1.10e-04	-5.37e-05
848	14	-0.02	4.43e-03	-0.03	0.0	-4.06e-05	-1.46e-04
848	16	0.01	6.85e-03	-0.05	0.0	1.77e-05	-7.76e-05
848	21	-4.79e-03	-7.01e-03	0.02	0.0	-6.84e-06	-1.38e-04
848	22	-1.60e-03	6.82e-03	-0.05	0.0	-1.05e-05	-1.00e-04
848	23	-4.79e-03	-7.01e-03	0.02	0.0	-6.84e-06	-1.38e-04
848	24	-1.96e-03	5.29e-03	-0.04	0.0	-1.01e-05	-1.05e-04
849	1	-6.47e-03	-0.01	0.03	0.0	-8.29e-06	-1.99e-04
849	4	6.41e-06	0.02	-0.09	0.0	-1.50e-05	-7.29e-05
849	6	-0.09	1.00e-04	1.40e-03	0.0	-1.98e-04	-6.05e-04
849	8	0.06	0.02	-0.08	0.0	1.09e-04	-4.38e-05
849	14	-0.02	6.08e-03	-0.03	0.0	-4.15e-05	-1.59e-04
849	16	0.01	9.56e-03	-0.05	0.0	1.69e-05	-7.77e-05
849	21	-4.98e-03	-8.03e-03	0.02	0.0	-6.37e-06	-1.53e-04
849	22	-1.99e-03	9.34e-03	-0.05	0.0	-1.15e-05	-1.05e-04
849	23	-4.98e-03	-8.03e-03	0.02	0.0	-6.37e-06	-1.53e-04
849	24	-2.32e-03	7.41e-03	-0.04	0.0	-1.10e-05	-1.10e-04
850	1	-6.71e-03	-0.01	0.03	0.0	-5.08e-06	-2.19e-04
850	4	-5.82e-04	0.03	-0.09	0.0	-1.47e-05	-6.94e-05
850	6	-0.09	-2.25e-05	1.44e-03	0.0	-1.99e-04	-6.80e-04
850	8	0.07	0.02	-0.08	0.0	1.10e-04	-3.24e-05
850	14	-0.02	7.81e-03	-0.03	0.0	-4.05e-05	-1.73e-04
850	16	0.01	0.01	-0.05	0.0	1.83e-05	-7.69e-05
850	21	-5.16e-03	-9.06e-03	0.02	0.0	-3.91e-06	-1.69e-04
850	22	-2.41e-03	0.01	-0.05	0.0	-1.04e-05	-1.09e-04
850	23	-5.16e-03	-9.06e-03	0.02	0.0	-3.91e-06	-1.69e-04
850	24	-2.72e-03	9.61e-03	-0.04	0.0	-9.67e-06	-1.16e-04
851	1	-6.70e-03	-0.01	0.03	0.0	7.28e-06	-2.28e-04
851	4	-1.05e-03	0.03	-0.09	0.0	-8.71e-06	-6.65e-05
851	6	-0.10	-1.30e-04	1.47e-03	0.0	-1.89e-04	-7.17e-04
851	8	0.07	0.03	-0.08	0.0	1.15e-04	-2.55e-05
851	14	-0.02	9.61e-03	-0.03	0.0	-3.29e-05	-1.79e-04
851	16	0.01	0.02	-0.05	0.0	2.52e-05	-7.54e-05
851	21	-5.16e-03	-0.01	0.02	0.0	5.60e-06	-1.76e-04
851	22	-2.69e-03	0.01	-0.05	0.0	-2.99e-06	-1.10e-04
851	23	-5.16e-03	-0.01	0.02	0.0	5.60e-06	-1.76e-04
851	24	-2.97e-03	0.01	-0.04	0.0	-2.03e-06	-1.17e-04
852	2	6.19e-03	-0.01	-0.09	-8.79e-05	-3.98e-05	-2.89e-05
852	4	6.91e-03	-0.01	-0.09	-9.63e-05	-4.08e-05	-3.06e-05
852	7	0.03	-0.02	-0.08	-8.84e-05	9.73e-05	-3.03e-05
852	8	0.03	-0.02	-0.09	-1.11e-04	9.03e-05	-4.92e-05
852	15	8.58e-03	-8.23e-03	-0.05	-4.90e-05	4.75e-06	-1.67e-05
852	16	8.66e-03	-8.21e-03	-0.05	-5.30e-05	3.74e-06	-1.93e-05
852	22	3.19e-03	-6.93e-03	-0.05	-4.66e-05	-2.32e-05	-1.62e-05
852	24	2.56e-03	-6.29e-03	-0.04	-3.83e-05	-2.02e-05	-1.38e-05
853	2	4.99e-03	-7.23e-03	-0.09	-9.00e-05	-2.94e-05	-2.38e-05
853	4	5.63e-03	-6.58e-03	-0.09	-9.88e-05	-2.92e-05	-2.47e-05
853	7	0.04	-0.01	-0.08	-8.43e-05	1.06e-04	-5.34e-06
853	8	0.04	-0.01	-0.09	-1.08e-04	9.68e-05	-3.95e-05
853	15	8.95e-03	-5.98e-03	-0.05	-4.85e-05	9.98e-06	-9.53e-06
853	16	9.01e-03	-5.84e-03	-0.05	-5.27e-05	8.67e-06	-1.44e-05
853	22	2.53e-03	-4.82e-03	-0.05	-4.75e-05	-1.78e-05	-1.36e-05
853	23	-2.12e-03	-2.17e-03	0.02	2.95e-05	0.0	3.12e-06
853	24	2.01e-03	-4.52e-03	-0.04	-3.90e-05	-1.59e-05	-1.17e-05
854	1	-2.49e-03	-4.14e-03	0.03	3.81e-05	-2.46e-06	0.0
854	4	4.68e-03	-2.29e-03	-0.09	-1.03e-04	-2.06e-05	-1.84e-05
854	7	0.04	-8.11e-03	-0.08	-8.44e-05	1.11e-04	2.41e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
854	8	0.04	-6.86e-03	-0.09	-1.08e-04	1.02e-04	-2.85e-05
854	15	9.47e-03	-3.69e-03	-0.05	-5.02e-05	1.43e-05	-1.30e-06
854	16	9.52e-03	-3.44e-03	-0.05	-5.45e-05	1.29e-05	-8.91e-06
854	21	-1.92e-03	-3.19e-03	0.02	2.93e-05	-1.89e-06	0.0
854	22	2.04e-03	-2.65e-03	-0.05	-5.01e-05	-1.31e-05	-1.09e-05
854	23	-1.92e-03	-3.19e-03	0.02	2.93e-05	-1.89e-06	0.0
854	24	1.60e-03	-2.71e-03	-0.04	-4.12e-05	-1.19e-05	-9.67e-06
855	1	-2.25e-03	-5.46e-03	0.03	3.66e-05	-1.98e-06	-3.96e-06
855	4	3.96e-03	2.11e-03	-0.09	-1.07e-04	-1.55e-05	-1.19e-05
855	8	0.05	-2.20e-03	-0.09	-1.10e-04	1.05e-04	-1.72e-05
855	11	0.01	-5.55e-03	-0.04	-3.76e-06	5.12e-05	1.82e-04
855	16	0.01	-9.92e-04	-0.05	-5.67e-05	1.59e-05	-3.28e-06
855	19	3.89e-03	-1.55e-03	-0.04	-3.95e-05	1.18e-06	1.30e-05
855	21	-1.73e-03	-4.20e-03	0.02	2.82e-05	-1.53e-06	-3.04e-06
855	22	1.68e-03	-4.15e-04	-0.05	-5.27e-05	-9.91e-06	-8.38e-06
855	23	-1.73e-03	-4.20e-03	0.02	2.82e-05	-1.53e-06	-3.04e-06
855	24	1.30e-03	-8.36e-04	-0.04	-4.37e-05	-8.98e-06	-7.79e-06
856	1	-2.01e-03	-6.77e-03	0.03	3.49e-05	0.0	-8.84e-06
856	4	3.36e-03	6.62e-03	-0.09	-1.10e-04	-1.30e-05	-5.63e-06
856	8	0.05	2.51e-03	-0.09	-1.12e-04	1.06e-04	-5.93e-06
856	9	-0.01	-4.60e-03	-0.01	2.38e-05	-2.59e-05	1.70e-04
856	16	0.01	1.52e-03	-0.05	-5.91e-05	1.76e-05	2.23e-06
856	20	4.03e-03	1.95e-03	-0.05	-5.68e-05	-1.99e-06	-2.47e-05
856	21	-1.54e-03	-5.21e-03	0.02	2.69e-05	0.0	-6.80e-06
856	22	1.40e-03	1.89e-03	-0.05	-5.52e-05	-8.00e-06	-6.10e-06
856	23	-1.54e-03	-5.21e-03	0.02	2.69e-05	0.0	-6.80e-06
856	24	1.07e-03	1.10e-03	-0.04	-4.61e-05	-7.16e-06	-6.18e-06
857	4	2.79e-03	0.01	-0.09	-1.13e-04	-1.27e-05	0.0
857	8	0.05	7.28e-03	-0.09	-1.15e-04	1.06e-04	4.96e-06
857	16	0.01	4.09e-03	-0.05	-6.14e-05	1.82e-05	7.51e-06
857	20	4.08e-03	4.30e-03	-0.05	-5.91e-05	-1.30e-06	-2.71e-05
857	21	-1.33e-03	-6.21e-03	0.02	2.60e-05	0.0	-1.09e-05
857	22	1.14e-03	4.26e-03	-0.05	-5.75e-05	-7.37e-06	-4.08e-06
857	23	-1.33e-03	-6.21e-03	0.02	2.60e-05	0.0	-1.09e-05
857	24	8.68e-04	3.10e-03	-0.04	-4.82e-05	-6.48e-06	-4.84e-06
858	4	2.20e-03	0.02	-0.10	-1.16e-04	-1.40e-05	6.44e-06
858	5	-0.06	-3.34e-03	8.05e-03	1.04e-05	-1.45e-04	-2.20e-04
858	8	0.06	0.01	-0.09	-1.18e-04	1.05e-04	1.55e-05
858	16	0.01	6.73e-03	-0.05	-6.35e-05	1.78e-05	1.26e-05
858	21	-1.11e-03	-7.21e-03	0.02	2.58e-05	1.31e-06	-1.53e-05
858	22	8.79e-04	6.70e-03	-0.05	-5.95e-05	-7.89e-06	-2.27e-06
858	23	-1.11e-03	-7.21e-03	0.02	2.58e-05	1.31e-06	-1.53e-05
858	24	6.59e-04	5.15e-03	-0.04	-5.01e-05	-6.87e-06	-3.73e-06
859	4	1.53e-03	0.02	-0.10	-1.20e-04	-1.62e-05	1.26e-05
859	6	-0.06	-1.08e-04	1.55e-03	-1.65e-05	-1.58e-04	-4.11e-04
859	8	0.06	0.02	-0.09	-1.22e-04	1.03e-04	2.61e-05
859	15	0.01	8.60e-03	-0.05	-6.05e-05	1.83e-05	4.12e-05
859	16	0.01	9.44e-03	-0.05	-6.54e-05	1.68e-05	1.76e-05
859	21	-8.63e-04	-8.24e-03	0.02	2.61e-05	1.66e-06	-2.01e-05
859	22	5.70e-04	9.21e-03	-0.05	-6.14e-05	-9.06e-06	0.0
859	23	-8.63e-04	-8.24e-03	0.02	2.61e-05	1.66e-06	-2.01e-05
859	24	4.11e-04	7.27e-03	-0.04	-5.17e-05	-7.87e-06	-2.66e-06
860	1	-7.78e-04	-0.01	0.03	3.24e-05	4.89e-06	-3.31e-05
860	4	7.29e-04	0.03	-0.10	-1.24e-04	-1.80e-05	2.01e-05
860	6	-0.07	-2.31e-04	1.55e-03	-2.05e-05	-1.58e-04	-4.69e-04
860	8	0.07	0.02	-0.09	-1.26e-04	1.02e-04	3.79e-05
860	15	0.01	0.01	-0.05	-6.34e-05	1.83e-05	5.01e-05
860	16	0.01	0.01	-0.05	-6.84e-05	1.66e-05	2.33e-05
860	21	-5.99e-04	-9.29e-03	0.02	2.50e-05	3.76e-06	-2.54e-05
860	22	1.98e-04	0.01	-0.05	-6.45e-05	-9.29e-06	1.87e-06
860	23	-5.99e-04	-9.29e-03	0.02	2.50e-05	3.76e-06	-2.54e-05
860	24	1.10e-04	9.46e-03	-0.04	-5.46e-05	-7.84e-06	-1.17e-06
861	1	-3.04e-04	-0.01	0.03	1.91e-05	1.90e-05	-3.74e-05
861	4	-1.27e-04	0.03	-0.10	-1.32e-04	-1.31e-05	2.54e-05
861	6	-0.07	5.30e-05	1.57e-03	-3.78e-05	-1.42e-04	-5.02e-04
861	8	0.07	0.03	-0.09	-1.32e-04	1.06e-04	4.56e-05
861	14	-0.01	9.54e-03	-0.03	-5.53e-05	-2.57e-05	-5.55e-05
861	16	0.01	0.02	-0.05	-7.64e-05	2.31e-05	2.71e-05
861	21	-2.34e-04	-0.01	0.02	1.47e-05	1.46e-05	-2.87e-05
861	22	-1.70e-04	0.01	-0.05	-7.34e-05	-2.01e-06	3.72e-06
861	23	-2.34e-04	-0.01	0.02	1.47e-05	1.46e-05	-2.87e-05
861	24	-1.77e-04	0.01	-0.04	-6.36e-05	0.0	0.0
862	1	3.04e-03	-2.40e-03	0.03	4.81e-05	0.0	-2.94e-05
862	2	-2.63e-04	-8.91e-03	-0.08	-6.08e-05	0.0	1.01e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
862	4	-9.63e-04	-8.35e-03	-0.09	-7.19e-05	0.0	7.78e-06
862	5	-0.03	-0.01	-0.07	-5.81e-05	0.0	6.05e-06
862	6	-0.03	-0.01	-0.08	-9.12e-05	0.0	3.00e-05
862	7	0.03	2.89e-03	7.11e-03	4.38e-05	0.0	-2.96e-05
862	13	-5.45e-03	-7.12e-03	-0.04	-2.95e-05	0.0	-3.40e-06
862	14	-5.52e-03	-6.98e-03	-0.05	-3.50e-05	0.0	0.0
862	15	6.67e-03	-3.66e-03	-0.03	-7.15e-06	0.0	-1.27e-05
862	21	2.34e-03	-1.85e-03	0.02	3.70e-05	0.0	-2.26e-05
862	22	3.56e-04	-5.75e-03	-0.04	-2.83e-05	0.0	-4.36e-06
862	23	2.34e-03	-1.85e-03	0.02	3.70e-05	0.0	-2.26e-05
862	24	5.76e-04	-5.32e-03	-0.04	-2.11e-05	0.0	-6.39e-06
863	1	2.60e-03	-4.34e-03	0.03	5.31e-05	0.0	-5.24e-05
863	2	1.75e-03	-6.18e-03	-0.08	-6.82e-05	0.0	-2.56e-05
863	4	1.15e-03	-5.17e-03	-0.09	-8.05e-05	0.0	-1.35e-05
863	5	-0.03	-0.01	-0.07	-5.40e-05	0.0	-3.83e-05
863	6	-0.03	-9.99e-03	-0.08	-9.05e-05	0.0	6.66e-06
863	7	0.04	1.74e-03	7.10e-03	3.05e-05	0.0	-3.75e-05
863	13	-5.40e-03	-5.84e-03	-0.04	-3.06e-05	0.0	-2.75e-05
863	14	-5.46e-03	-5.46e-03	-0.05	-3.67e-05	0.0	-2.11e-05
863	15	8.55e-03	-3.17e-03	-0.03	-1.11e-05	0.0	-3.10e-05
863	21	2.00e-03	-3.34e-03	0.02	4.08e-05	0.0	-4.03e-05
863	22	1.49e-03	-4.44e-03	-0.04	-3.20e-05	0.0	-2.42e-05
863	23	2.00e-03	-3.34e-03	0.02	4.08e-05	0.0	-4.03e-05
863	24	1.55e-03	-4.32e-03	-0.04	-2.39e-05	0.0	-2.60e-05
864	1	2.27e-03	-6.29e-03	0.03	5.19e-05	0.0	-7.77e-05
864	2	3.49e-03	-3.11e-03	-0.08	-7.64e-05	0.0	-4.51e-05
864	4	2.96e-03	-1.66e-03	-0.09	-8.84e-05	0.0	-2.71e-05
864	6	-0.04	-6.25e-03	-0.08	-9.33e-05	0.0	-1.38e-05
864	7	0.04	1.10e-03	7.07e-03	2.01e-05	0.0	-3.67e-05
864	9	-8.83e-03	-0.01	-0.03	4.86e-05	0.0	-2.16e-04
864	14	-5.51e-03	-3.81e-03	-0.05	-4.07e-05	0.0	-3.92e-05
864	15	0.01	-2.47e-03	-0.03	-1.63e-05	0.0	-4.55e-05
864	17	1.01e-04	-4.49e-03	-0.04	-2.04e-05	0.0	-5.93e-05
864	21	1.75e-03	-4.84e-03	0.02	3.99e-05	0.0	-5.98e-05
864	22	2.48e-03	-2.93e-03	-0.04	-3.71e-05	0.0	-4.02e-05
864	23	1.75e-03	-4.84e-03	0.02	3.99e-05	0.0	-5.98e-05
864	24	2.40e-03	-3.14e-03	-0.04	-2.85e-05	0.0	-4.24e-05
865	1	2.00e-03	-8.11e-03	0.03	4.78e-05	0.0	-1.00e-04
865	2	5.03e-03	2.42e-04	-0.08	-8.33e-05	0.0	-5.97e-05
865	4	4.56e-03	2.11e-03	-0.09	-9.43e-05	0.0	-3.65e-05
865	6	-0.04	-2.38e-03	-0.08	-9.73e-05	0.0	-3.08e-05
865	7	0.05	7.95e-04	7.03e-03	1.31e-05	0.0	-3.01e-05
865	9	-9.59e-03	-0.02	-0.03	4.51e-05	0.0	-2.96e-04
865	14	-5.66e-03	-1.99e-03	-0.05	-4.50e-05	0.0	-5.43e-05
865	15	0.01	-1.57e-03	-0.03	-2.12e-05	0.0	-5.67e-05
865	17	5.67e-04	-3.47e-03	-0.04	-2.45e-05	0.0	-8.00e-05
865	21	1.54e-03	-6.23e-03	0.02	3.67e-05	0.0	-7.72e-05
865	22	3.35e-03	-1.23e-03	-0.04	-4.19e-05	0.0	-5.28e-05
865	23	1.54e-03	-6.23e-03	0.02	3.67e-05	0.0	-7.72e-05
865	24	3.15e-03	-1.78e-03	-0.04	-3.31e-05	0.0	-5.55e-05
866	1	1.75e-03	-9.74e-03	0.03	4.31e-05	0.0	-1.18e-04
866	2	6.45e-03	3.82e-03	-0.08	-8.89e-05	0.0	-7.02e-05
866	4	6.04e-03	6.07e-03	-0.09	-9.89e-05	0.0	-4.29e-05
866	6	-0.04	1.65e-03	-0.08	-1.02e-04	0.0	-4.42e-05
866	7	0.05	7.06e-04	7.00e-03	8.61e-06	0.0	-1.94e-05
866	9	-0.01	-0.02	-0.03	4.06e-05	0.0	-3.73e-04
866	14	-5.86e-03	-1.57e-05	-0.05	-4.91e-05	0.0	-6.61e-05
866	15	0.01	-5.01e-04	-0.03	-2.54e-05	0.0	-6.46e-05
866	17	9.76e-04	-2.31e-03	-0.04	-2.84e-05	0.0	-9.77e-05
866	21	1.34e-03	-7.49e-03	0.02	3.32e-05	0.0	-9.11e-05
866	22	4.16e-03	6.46e-04	-0.04	-4.61e-05	0.0	-6.22e-05
866	23	1.34e-03	-7.49e-03	0.02	3.32e-05	0.0	-9.11e-05
866	24	3.85e-03	-2.58e-04	-0.04	-3.73e-05	0.0	-6.54e-05
867	1	1.48e-03	-0.01	0.03	3.95e-05	0.0	-1.32e-04
867	2	7.82e-03	7.59e-03	-0.08	-9.35e-05	0.0	-7.79e-05
867	4	7.48e-03	0.01	-0.09	-1.03e-04	0.0	-4.75e-05
867	6	-0.05	5.84e-03	-0.08	-1.06e-04	0.0	-5.46e-05
867	7	0.06	7.28e-04	6.96e-03	6.52e-06	0.0	-6.02e-06
867	9	-0.01	-0.02	-0.03	3.67e-05	0.0	-4.47e-04
867	14	-6.09e-03	2.10e-03	-0.05	-5.26e-05	0.0	-7.53e-05
867	15	0.02	7.05e-04	-0.03	-2.85e-05	0.0	-7.00e-05
867	20	7.68e-03	3.81e-03	-0.04	-4.95e-05	0.0	-3.24e-05
867	21	1.14e-03	-8.63e-03	0.02	3.04e-05	0.0	-1.01e-04
867	22	4.94e-03	2.66e-03	-0.04	-4.94e-05	0.0	-6.91e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
867	23	1.14e-03	-8.63e-03	0.02	3.04e-05	0.0	-1.01e-04
867	24	4.52e-03	1.40e-03	-0.04	-4.05e-05	0.0	-7.26e-05
868	2	9.20e-03	0.01	-0.08	-9.70e-05	0.0	-8.40e-05
868	4	8.93e-03	0.01	-0.09	-1.06e-04	0.0	-5.13e-05
868	6	-0.05	0.01	-0.08	-1.10e-04	0.0	-6.28e-05
868	7	0.06	7.71e-04	6.94e-03	6.39e-06	0.0	8.35e-06
868	9	-0.01	-0.02	-0.03	3.47e-05	0.0	-5.18e-04
868	14	-6.31e-03	4.32e-03	-0.05	-5.52e-05	0.0	-8.27e-05
868	15	0.02	2.00e-03	-0.03	-3.04e-05	0.0	-7.36e-05
868	18	1.74e-03	6.12e-03	-0.04	-5.72e-05	0.0	-4.04e-05
868	21	9.17e-04	-9.70e-03	0.02	2.91e-05	0.0	-1.09e-04
868	22	5.72e-03	4.77e-03	-0.04	-5.18e-05	0.0	-7.43e-05
868	23	9.17e-04	-9.70e-03	0.02	2.91e-05	0.0	-1.09e-04
868	24	5.19e-03	3.16e-03	-0.04	-4.28e-05	0.0	-7.82e-05
869	2	0.01	0.02	-0.08	-1.00e-04	0.0	-8.94e-05
869	4	0.01	0.02	-0.09	-1.09e-04	0.0	-5.50e-05
869	6	-0.06	0.01	-0.08	-1.13e-04	0.0	-6.99e-05
869	8	0.07	0.01	2.94e-04	-3.33e-05	0.0	2.17e-04
869	11	0.02	-0.02	-0.01	5.91e-05	0.0	-5.00e-04
869	14	-6.49e-03	6.62e-03	-0.05	-5.72e-05	0.0	-8.92e-05
869	16	0.02	5.34e-03	-0.03	-3.89e-05	0.0	-4.66e-05
869	18	2.19e-03	8.52e-03	-0.04	-5.92e-05	0.0	-3.95e-05
869	21	6.72e-04	-0.01	0.02	2.90e-05	0.0	-1.15e-04
869	22	6.55e-03	6.95e-03	-0.04	-5.36e-05	0.0	-7.89e-05
869	23	6.72e-04	-0.01	0.02	2.90e-05	0.0	-1.15e-04
869	24	5.89e-03	4.98e-03	-0.04	-4.44e-05	0.0	-8.28e-05
870	2	0.01	0.02	-0.08	-1.05e-04	0.0	-9.52e-05
870	4	0.01	0.02	-0.09	-1.13e-04	0.0	-5.92e-05
870	6	-0.06	0.02	-0.08	-1.17e-04	0.0	-7.71e-05
870	8	0.08	0.01	2.85e-04	-4.07e-05	0.0	2.56e-04
870	11	0.03	-0.02	-0.01	5.69e-05	0.0	-5.56e-04
870	14	-6.63e-03	9.00e-03	-0.05	-6.07e-05	0.0	-9.57e-05
870	16	0.02	7.03e-03	-0.03	-4.29e-05	0.0	-4.54e-05
870	18	2.70e-03	0.01	-0.04	-6.31e-05	0.0	-3.84e-05
870	21	3.82e-04	-0.01	0.02	2.66e-05	0.0	-1.20e-04
870	22	7.42e-03	9.19e-03	-0.04	-5.74e-05	0.0	-8.35e-05
870	23	3.82e-04	-0.01	0.02	2.66e-05	0.0	-1.20e-04
870	24	6.64e-03	6.86e-03	-0.04	-4.81e-05	0.0	-8.76e-05
871	2	0.01	0.02	-0.08	-1.17e-04	0.0	-9.73e-05
871	4	0.01	0.03	-0.09	-1.22e-04	0.0	-6.08e-05
871	6	-0.06	0.02	-0.08	-1.23e-04	0.0	-8.04e-05
871	8	0.08	0.02	3.44e-04	-6.07e-05	0.0	2.77e-04
871	11	0.03	-0.03	-0.01	4.02e-05	0.0	-5.82e-04
871	14	-6.68e-03	0.01	-0.05	-6.88e-05	0.0	-9.83e-05
871	16	0.02	8.96e-03	-0.03	-5.30e-05	0.0	-4.39e-05
871	18	3.27e-03	0.01	-0.04	-7.16e-05	0.0	-3.72e-05
871	21	2.61e-05	-0.01	0.02	1.70e-05	0.0	-1.21e-04
871	22	8.38e-03	0.01	-0.04	-6.66e-05	0.0	-8.51e-05
871	23	2.61e-05	-0.01	0.02	1.70e-05	0.0	-1.21e-04
871	24	7.45e-03	8.96e-03	-0.04	-5.73e-05	0.0	-8.91e-05
872	1	2.89e-03	-3.78e-03	0.03	7.36e-05	0.0	-3.77e-05
872	2	-1.42e-04	-9.45e-03	-0.08	-2.44e-05	0.0	-1.70e-05
872	4	-8.09e-04	-8.58e-03	-0.09	-4.14e-05	0.0	-8.30e-06
872	5	-0.03	-0.01	-0.07	-8.25e-06	0.0	-7.79e-06
872	6	-0.03	-0.01	-0.08	-6.33e-05	0.0	1.83e-05
872	7	0.03	9.56e-04	1.17e-03	6.43e-05	0.0	-5.14e-05
872	13	-5.42e-03	-7.60e-03	-0.04	0.0	0.0	-1.49e-05
872	14	-5.49e-03	-7.30e-03	-0.05	-8.69e-06	0.0	-1.12e-05
872	15	6.70e-03	-4.56e-03	-0.03	1.74e-05	0.0	-2.47e-05
872	21	2.23e-03	-2.90e-03	0.02	5.66e-05	0.0	-2.90e-05
872	22	4.04e-04	-6.31e-03	-0.05	-2.18e-06	0.0	-1.66e-05
872	23	2.23e-03	-2.90e-03	0.02	5.66e-05	0.0	-2.90e-05
872	24	6.07e-04	-5.93e-03	-0.04	4.36e-06	0.0	-1.80e-05
873	1	2.41e-03	-7.12e-03	0.03	8.75e-05	0.0	-7.14e-05
873	2	1.73e-03	-8.15e-03	-0.08	-3.77e-05	0.0	-5.72e-05
873	4	1.17e-03	-6.51e-03	-0.09	-5.79e-05	0.0	-4.07e-05
873	6	-0.03	-0.01	-0.08	-6.32e-05	0.0	-1.18e-05
873	7	0.04	-1.05e-03	1.24e-03	4.40e-05	0.0	-8.08e-05
873	9	-8.28e-03	-0.02	-0.03	1.43e-04	0.0	-1.70e-04
873	13	-5.46e-03	-7.59e-03	-0.04	-1.03e-06	0.0	-4.81e-05
873	14	-5.51e-03	-6.92e-03	-0.05	-1.09e-05	0.0	-4.10e-05
873	15	8.49e-03	-5.13e-03	-0.03	1.20e-05	0.0	-5.37e-05
873	21	1.85e-03	-5.48e-03	0.02	6.73e-05	0.0	-5.49e-05
873	22	1.44e-03	-6.10e-03	-0.05	-7.80e-06	0.0	-4.64e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
873	23	1.85e-03	-5.48e-03	0.02	6.73e-05	0.0	-5.49e-05
873	24	1.49e-03	-6.03e-03	-0.04	0.0	0.0	-4.73e-05
874	1	2.05e-03	-0.01	0.03	8.66e-05	0.0	-1.12e-04
874	2	3.38e-03	-6.28e-03	-0.08	-5.14e-05	0.0	-9.03e-05
874	4	2.90e-03	-3.83e-03	-0.09	-7.14e-05	0.0	-6.45e-05
874	6	-0.04	-7.58e-03	-0.08	-6.92e-05	0.0	-3.93e-05
874	7	0.04	-2.29e-03	1.29e-03	2.75e-05	0.0	-1.05e-04
874	9	-9.01e-03	-0.02	-0.03	1.45e-04	0.0	-2.66e-04
874	14	-5.62e-03	-6.32e-03	-0.05	-1.77e-05	0.0	-6.87e-05
874	15	0.01	-5.38e-03	-0.03	3.69e-06	0.0	-8.03e-05
874	17	-1.44e-05	-7.95e-03	-0.04	9.29e-06	0.0	-9.27e-05
874	21	1.58e-03	-8.17e-03	0.02	6.66e-05	0.0	-8.60e-05
874	22	2.37e-03	-5.56e-03	-0.05	-1.62e-05	0.0	-7.31e-05
874	23	1.58e-03	-8.17e-03	0.02	6.66e-05	0.0	-8.60e-05
874	24	2.28e-03	-5.85e-03	-0.04	-7.00e-06	0.0	-7.45e-05
875	1	1.76e-03	-0.01	0.03	7.83e-05	0.0	-1.51e-04
875	2	4.86e-03	-3.87e-03	-0.08	-6.38e-05	0.0	-1.18e-04
875	4	4.45e-03	-6.74e-04	-0.09	-8.18e-05	0.0	-8.30e-05
875	6	-0.04	-4.62e-03	-0.08	-7.75e-05	0.0	-6.31e-05
875	7	0.05	-2.93e-03	1.31e-03	1.48e-05	0.0	-1.23e-04
875	9	-9.79e-03	-0.03	-0.03	1.40e-04	0.0	-3.61e-04
875	14	-5.80e-03	-5.39e-03	-0.05	-2.59e-05	0.0	-9.33e-05
875	15	0.01	-5.27e-03	-0.03	-5.17e-06	0.0	-1.04e-04
875	17	4.20e-04	-8.11e-03	-0.04	1.73e-06	0.0	-1.24e-04
875	21	1.36e-03	-0.01	0.02	6.02e-05	0.0	-1.16e-04
875	22	3.22e-03	-4.67e-03	-0.05	-2.50e-05	0.0	-9.63e-05
875	23	1.36e-03	-0.01	0.02	6.02e-05	0.0	-1.16e-04
875	24	3.01e-03	-5.33e-03	-0.04	-1.55e-05	0.0	-9.85e-05
876	1	1.50e-03	-0.02	0.03	6.78e-05	0.0	-1.85e-04
876	2	6.24e-03	-1.02e-03	-0.08	-7.39e-05	0.0	-1.40e-04
876	4	5.90e-03	2.83e-03	-0.09	-8.95e-05	0.0	-9.74e-05
876	6	-0.05	-1.30e-03	-0.08	-8.62e-05	0.0	-8.22e-05
876	7	0.05	-3.15e-03	1.33e-03	6.05e-06	0.0	-1.37e-04
876	9	-0.01	-0.04	-0.03	1.31e-04	0.0	-4.53e-04
876	14	-6.02e-03	-4.13e-03	-0.05	-3.38e-05	0.0	-1.14e-04
876	15	0.01	-4.82e-03	-0.03	-1.31e-05	0.0	-1.23e-04
876	17	8.08e-04	-7.95e-03	-0.04	-5.70e-06	0.0	-1.53e-04
876	21	1.16e-03	-0.01	0.02	5.22e-05	0.0	-1.43e-04
876	22	4.00e-03	-3.43e-03	-0.05	-3.29e-05	0.0	-1.15e-04
876	23	1.16e-03	-0.01	0.02	5.22e-05	0.0	-1.43e-04
876	24	3.68e-03	-4.47e-03	-0.04	-2.34e-05	0.0	-1.18e-04
877	1	1.24e-03	-0.02	0.03	5.87e-05	0.0	-2.14e-04
877	2	7.58e-03	2.19e-03	-0.08	-8.16e-05	0.0	-1.58e-04
877	4	7.29e-03	6.59e-03	-0.09	-9.52e-05	0.0	-1.09e-04
877	6	-0.05	2.35e-03	-0.08	-9.39e-05	0.0	-9.71e-05
877	7	0.06	-3.10e-03	1.33e-03	1.14e-06	0.0	-1.47e-04
877	9	-0.01	-0.04	-0.03	1.22e-04	0.0	-5.41e-04
877	14	-6.26e-03	-2.58e-03	-0.05	-4.03e-05	0.0	-1.31e-04
877	15	0.01	-4.08e-03	-0.03	-1.91e-05	0.0	-1.39e-04
877	17	1.17e-03	-7.52e-03	-0.04	-1.18e-05	0.0	-1.77e-04
877	21	9.56e-04	-0.01	0.02	4.52e-05	0.0	-1.64e-04
877	22	4.76e-03	-1.91e-03	-0.05	-3.90e-05	0.0	-1.31e-04
877	23	9.56e-04	-0.01	0.02	4.52e-05	0.0	-1.64e-04
877	24	4.34e-03	-3.33e-03	-0.04	-2.97e-05	0.0	-1.35e-04
878	1	9.64e-04	-0.02	0.03	5.29e-05	0.0	-2.37e-04
878	2	8.93e-03	5.64e-03	-0.08	-8.71e-05	0.0	-1.73e-04
878	4	8.70e-03	0.01	-0.09	-9.93e-05	0.0	-1.18e-04
878	6	-0.05	6.27e-03	-0.08	-1.00e-04	0.0	-1.09e-04
878	8	0.06	0.01	-5.42e-03	-6.78e-05	0.0	3.22e-05
878	9	-0.01	-0.05	-0.03	1.16e-04	0.0	-6.23e-04
878	14	-6.49e-03	-8.14e-04	-0.05	-4.49e-05	0.0	-1.44e-04
878	15	0.02	-3.16e-03	-0.03	-2.30e-05	0.0	-1.52e-04
878	17	1.54e-03	-6.89e-03	-0.04	-1.61e-05	0.0	-1.98e-04
878	21	7.42e-04	-0.02	0.02	4.07e-05	0.0	-1.82e-04
878	22	5.52e-03	-1.98e-04	-0.05	-4.33e-05	0.0	-1.44e-04
878	23	7.42e-04	-0.02	0.02	4.07e-05	0.0	-1.82e-04
878	24	4.99e-03	-1.99e-03	-0.04	-3.40e-05	0.0	-1.48e-04
879	1	6.46e-04	-0.02	0.03	5.00e-05	0.0	-2.55e-04
879	2	0.01	9.27e-03	-0.08	-9.11e-05	0.0	-1.86e-04
879	4	0.01	0.01	-0.09	-1.03e-04	0.0	-1.27e-04
879	6	-0.06	0.01	-0.08	-1.05e-04	0.0	-1.18e-04
879	8	0.07	0.02	-5.42e-03	-6.84e-05	0.0	5.34e-05
879	9	-0.01	-0.05	-0.03	1.13e-04	0.0	-7.00e-04
879	14	-6.70e-03	1.10e-03	-0.05	-4.81e-05	0.0	-1.56e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
879	16	0.02	1.24e-03	-0.03	-3.72e-05	0.0	-1.30e-04
879	17	1.94e-03	-6.13e-03	-0.04	-1.89e-05	0.0	-2.17e-04
879	21	4.97e-04	-0.02	0.02	3.84e-05	0.0	-1.97e-04
879	22	6.31e-03	1.65e-03	-0.05	-4.62e-05	0.0	-1.55e-04
879	23	4.97e-04	-0.02	0.02	3.84e-05	0.0	-1.97e-04
879	24	5.66e-03	-5.14e-04	-0.04	-3.68e-05	0.0	-1.59e-04
880	1	2.65e-04	-0.03	0.03	4.67e-05	0.0	-2.74e-04
880	2	0.01	0.01	-0.08	-9.59e-05	0.0	-1.99e-04
880	4	0.01	0.02	-0.09	-1.07e-04	0.0	-1.36e-04
880	6	-0.06	0.01	-0.08	-1.09e-04	0.0	-1.27e-04
880	8	0.07	0.02	-5.39e-03	-7.29e-05	0.0	7.43e-05
880	9	-0.01	-0.05	-0.03	1.10e-04	0.0	-7.78e-04
880	14	-6.84e-03	3.11e-03	-0.05	-5.14e-05	0.0	-1.68e-04
880	16	0.02	2.83e-03	-0.03	-4.05e-05	0.0	-1.36e-04
880	18	2.45e-03	7.48e-03	-0.04	-6.13e-05	0.0	-1.14e-04
880	21	2.04e-04	-0.02	0.02	3.59e-05	0.0	-2.10e-04
880	22	7.16e-03	3.59e-03	-0.05	-4.96e-05	0.0	-1.66e-04
880	23	2.04e-04	-0.02	0.02	3.59e-05	0.0	-2.10e-04
880	24	6.39e-03	1.05e-03	-0.04	-4.01e-05	0.0	-1.71e-04
881	1	-1.99e-04	-0.03	0.03	3.92e-05	0.0	-2.82e-04
881	4	0.01	0.02	-0.09	-1.13e-04	0.0	-1.40e-04
881	6	-0.06	0.02	-0.08	-1.13e-04	0.0	-1.32e-04
881	8	0.08	0.02	-5.33e-03	-8.56e-05	0.0	8.29e-05
881	9	-0.01	-0.06	-0.03	1.03e-04	0.0	-8.14e-04
881	14	-6.89e-03	5.28e-03	-0.05	-5.66e-05	0.0	-1.73e-04
881	16	0.02	4.58e-03	-0.03	-4.69e-05	0.0	-1.40e-04
881	18	3.02e-03	0.01	-0.04	-6.69e-05	0.0	-1.16e-04
881	21	-1.53e-04	-0.02	0.02	3.02e-05	0.0	-2.17e-04
881	22	8.10e-03	5.70e-03	-0.05	-5.54e-05	0.0	-1.71e-04
881	23	-1.53e-04	-0.02	0.02	3.02e-05	0.0	-2.17e-04
881	24	7.19e-03	2.78e-03	-0.04	-4.59e-05	0.0	-1.76e-04
882	1	2.70e-03	-5.22e-03	0.03	1.04e-04	0.0	-3.80e-05
882	2	7.65e-05	-0.01	-0.09	2.19e-05	0.0	-2.63e-05
882	4	-5.46e-04	-9.34e-03	-0.09	-2.06e-06	0.0	-1.76e-05
882	6	-0.03	-0.01	-0.07	-3.15e-05	0.0	1.23e-05
882	7	0.03	-1.58e-03	-4.45e-03	1.01e-04	0.0	-6.19e-05
882	9	-7.67e-03	-0.02	-0.03	2.21e-04	0.0	-8.09e-05
882	13	-5.35e-03	-8.38e-03	-0.04	3.52e-05	0.0	-1.98e-05
882	14	-5.41e-03	-7.94e-03	-0.05	2.31e-05	0.0	-1.62e-05
882	15	6.77e-03	-5.78e-03	-0.03	4.92e-05	0.0	-2.99e-05
882	21	2.08e-03	-4.02e-03	0.02	7.99e-05	0.0	-2.92e-05
882	22	5.03e-04	-7.21e-03	-0.05	3.07e-05	0.0	-2.22e-05
882	23	2.08e-03	-4.02e-03	0.02	7.99e-05	0.0	-2.92e-05
882	24	6.77e-04	-6.86e-03	-0.04	3.62e-05	0.0	-2.30e-05
883	1	2.20e-03	-0.01	0.03	1.32e-04	0.0	-7.41e-05
883	2	1.77e-03	-0.01	-0.09	3.84e-06	0.0	-7.22e-05
883	4	1.26e-03	-8.69e-03	-0.09	-2.66e-05	0.0	-5.50e-05
883	6	-0.03	-0.01	-0.07	-3.12e-05	0.0	-1.95e-05
883	7	0.04	-5.11e-03	-4.38e-03	7.91e-05	0.0	-1.02e-04
883	9	-8.40e-03	-0.03	-0.03	2.47e-04	0.0	-1.79e-04
883	14	-5.53e-03	-8.92e-03	-0.05	2.18e-05	0.0	-4.89e-05
883	15	8.45e-03	-7.71e-03	-0.03	4.46e-05	0.0	-6.31e-05
883	17	-5.51e-04	-0.01	-0.04	5.49e-05	0.0	-6.71e-05
883	21	1.69e-03	-7.88e-03	0.02	1.02e-04	0.0	-5.70e-05
883	22	1.43e-03	-8.37e-03	-0.05	2.47e-05	0.0	-5.58e-05
883	23	1.69e-03	-7.88e-03	0.02	1.02e-04	0.0	-5.70e-05
883	24	1.46e-03	-8.31e-03	-0.04	3.32e-05	0.0	-5.60e-05
884	1	1.83e-03	-0.02	0.03	1.34e-04	0.0	-1.20e-04
884	2	3.31e-03	-0.01	-0.09	-1.54e-05	0.0	-1.12e-04
884	4	2.88e-03	-7.17e-03	-0.09	-4.63e-05	0.0	-8.41e-05
884	6	-0.04	-9.61e-03	-0.07	-4.02e-05	0.0	-4.94e-05
884	7	0.04	-7.76e-03	-4.31e-03	5.85e-05	0.0	-1.40e-04
884	9	-9.17e-03	-0.04	-0.03	2.51e-04	0.0	-2.80e-04
884	14	-5.70e-03	-9.64e-03	-0.05	1.29e-05	0.0	-8.07e-05
884	15	0.01	-9.28e-03	-0.03	3.40e-05	0.0	-9.55e-05
884	17	-1.10e-04	-0.01	-0.04	4.76e-05	0.0	-1.06e-04
884	21	1.41e-03	-0.01	0.02	1.03e-04	0.0	-9.26e-05
884	22	2.29e-03	-9.14e-03	-0.05	1.35e-05	0.0	-8.75e-05
884	23	1.41e-03	-0.01	0.02	1.03e-04	0.0	-9.26e-05
884	24	2.19e-03	-9.46e-03	-0.04	2.35e-05	0.0	-8.81e-05
885	1	1.53e-03	-0.02	0.03	1.23e-04	0.0	-1.68e-04
885	2	4.71e-03	-9.76e-03	-0.09	-3.35e-05	0.0	-1.47e-04
885	4	4.36e-03	-4.93e-03	-0.09	-6.18e-05	0.0	-1.08e-04
885	6	-0.04	-7.75e-03	-0.07	-5.31e-05	0.0	-7.59e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
885	7	0.05	-9.62e-03	-4.26e-03	4.07e-05	0.0	-1.74e-04
885	9	-9.97e-03	-0.05	-0.03	2.43e-04	0.0	-3.81e-04
885	14	-5.92e-03	-9.90e-03	-0.05	0.0	0.0	-1.10e-04
885	15	0.01	-0.01	-0.03	2.13e-05	0.0	-1.26e-04
885	17	2.82e-04	-0.01	-0.04	3.66e-05	0.0	-1.43e-04
885	21	1.18e-03	-0.02	0.02	9.44e-05	0.0	-1.29e-04
885	22	3.09e-03	-9.39e-03	-0.05	0.0	0.0	-1.16e-04
885	23	1.18e-03	-0.02	0.02	9.44e-05	0.0	-1.29e-04
885	24	2.87e-03	-0.01	-0.04	1.11e-05	0.0	-1.18e-04
886	1	1.28e-03	-0.03	0.03	1.06e-04	0.0	-2.11e-04
886	2	6.03e-03	-8.03e-03	-0.09	-4.90e-05	0.0	-1.76e-04
886	4	5.73e-03	-2.16e-03	-0.09	-7.36e-05	0.0	-1.27e-04
886	6	-0.05	-5.33e-03	-0.07	-6.67e-05	0.0	-9.81e-05
886	7	0.05	-0.01	-4.22e-03	2.67e-05	0.0	-2.04e-04
886	9	-0.01	-0.06	-0.03	2.29e-04	0.0	-4.78e-04
886	14	-6.17e-03	-9.66e-03	-0.05	-1.13e-05	0.0	-1.36e-04
886	15	0.01	-0.01	-0.03	9.19e-06	0.0	-1.52e-04
886	17	6.39e-04	-0.02	-0.04	2.51e-05	0.0	-1.77e-04
886	21	9.81e-04	-0.02	0.02	8.18e-05	0.0	-1.63e-04
886	22	3.83e-03	-9.13e-03	-0.05	-1.14e-05	0.0	-1.41e-04
886	23	9.81e-04	-0.02	0.02	8.18e-05	0.0	-1.63e-04
886	24	3.52e-03	-0.01	-0.04	-1.08e-06	0.0	-1.44e-04
887	1	1.03e-03	-0.03	0.03	9.07e-05	0.0	-2.49e-04
887	2	7.31e-03	-5.76e-03	-0.09	-6.12e-05	0.0	-2.01e-04
887	4	7.07e-03	1.00e-03	-0.09	-8.21e-05	0.0	-1.43e-04
887	6	-0.05	-2.38e-03	-0.07	-7.87e-05	0.0	-1.16e-04
887	7	0.06	-0.01	-4.20e-03	1.75e-05	0.0	-2.29e-04
887	9	-0.01	-0.06	-0.03	2.15e-04	0.0	-5.71e-04
887	14	-6.44e-03	-8.94e-03	-0.05	-2.18e-05	0.0	-1.57e-04
887	15	0.01	-0.01	-0.03	0.0	0.0	-1.74e-04
887	17	9.79e-04	-0.02	-0.04	1.50e-05	0.0	-2.07e-04
887	21	7.89e-04	-0.02	0.02	6.98e-05	0.0	-1.92e-04
887	22	4.56e-03	-8.41e-03	-0.05	-2.14e-05	0.0	-1.63e-04
887	23	7.89e-04	-0.02	0.02	6.98e-05	0.0	-1.92e-04
887	24	4.14e-03	-9.98e-03	-0.04	-1.12e-05	0.0	-1.66e-04
888	1	7.59e-04	-0.03	0.03	7.92e-05	0.0	-2.81e-04
888	2	8.60e-03	-3.07e-03	-0.09	-6.99e-05	0.0	-2.21e-04
888	4	8.42e-03	4.45e-03	-0.09	-8.81e-05	0.0	-1.57e-04
888	6	-0.05	9.94e-04	-0.07	-8.81e-05	0.0	-1.30e-04
888	8	0.06	0.01	-0.01	-8.27e-05	0.0	-6.31e-05
888	9	-0.01	-0.07	-0.03	2.03e-04	0.0	-6.57e-04
888	14	-6.70e-03	-7.86e-03	-0.05	-2.95e-05	0.0	-1.76e-04
888	16	0.02	-6.66e-03	-0.03	-2.39e-05	0.0	-1.65e-04
888	17	1.32e-03	-0.02	-0.04	7.54e-06	0.0	-2.33e-04
888	21	5.84e-04	-0.03	0.02	6.09e-05	0.0	-2.16e-04
888	22	5.29e-03	-7.35e-03	-0.05	-2.85e-05	0.0	-1.80e-04
888	23	5.84e-04	-0.03	0.02	6.09e-05	0.0	-2.16e-04
888	24	4.76e-03	-9.32e-03	-0.04	-1.86e-05	0.0	-1.84e-04
889	1	4.52e-04	-0.04	0.03	7.26e-05	0.0	-3.08e-04
889	2	9.94e-03	-9.94e-05	-0.09	-7.56e-05	0.0	-2.39e-04
889	4	9.84e-03	8.10e-03	-0.09	-9.24e-05	0.0	-1.68e-04
889	6	-0.06	4.69e-03	-0.07	-9.44e-05	0.0	-1.42e-04
889	8	0.07	0.02	-0.01	-8.40e-05	0.0	-5.50e-05
889	9	-0.01	-0.08	-0.03	1.95e-04	0.0	-7.38e-04
889	14	-6.93e-03	-6.54e-03	-0.05	-3.44e-05	0.0	-1.91e-04
889	16	0.02	-5.57e-03	-0.03	-2.81e-05	0.0	-1.77e-04
889	17	1.69e-03	-0.02	-0.04	2.71e-06	0.0	-2.57e-04
889	21	3.48e-04	-0.03	0.02	5.59e-05	0.0	-2.37e-04
889	22	6.04e-03	-6.07e-03	-0.05	-3.31e-05	0.0	-1.96e-04
889	23	3.48e-04	-0.03	0.02	5.59e-05	0.0	-2.37e-04
889	24	5.41e-03	-8.43e-03	-0.04	-2.32e-05	0.0	-2.00e-04
890	1	8.17e-05	-0.04	0.03	6.91e-05	0.0	-3.34e-04
890	2	0.01	3.05e-03	-0.09	-7.98e-05	0.0	-2.57e-04
890	4	0.01	0.01	-0.09	-9.58e-05	0.0	-1.80e-04
890	6	-0.06	8.57e-03	-0.07	-9.81e-05	0.0	-1.53e-04
890	8	0.07	0.02	-0.01	-8.70e-05	0.0	-4.67e-05
890	9	-0.01	-0.09	-0.03	1.90e-04	0.0	-8.19e-04
890	14	-7.10e-03	-5.06e-03	-0.05	-3.76e-05	0.0	-2.07e-04
890	16	0.02	-4.35e-03	-0.03	-3.10e-05	0.0	-1.89e-04
890	17	2.10e-03	-0.02	-0.04	0.0	0.0	-2.80e-04
890	21	6.29e-05	-0.03	0.02	5.32e-05	0.0	-2.57e-04
890	22	6.85e-03	-4.65e-03	-0.05	-3.62e-05	0.0	-2.11e-04
890	23	6.29e-05	-0.03	0.02	5.32e-05	0.0	-2.57e-04
890	24	6.10e-03	-7.41e-03	-0.04	-2.63e-05	0.0	-2.16e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
891	1	-3.79e-04	-0.04	0.03	6.56e-05	0.0	-3.46e-04
891	4	0.01	0.02	-0.09	-9.92e-05	0.0	-1.86e-04
891	6	-0.06	0.01	-0.07	-1.00e-04	0.0	-1.58e-04
891	8	0.08	0.02	-0.01	-9.51e-05	0.0	-4.27e-05
891	9	-0.01	-0.10	-0.03	1.89e-04	0.0	-8.57e-04
891	14	-7.18e-03	-3.49e-03	-0.05	-4.03e-05	0.0	-2.14e-04
891	16	0.02	-3.03e-03	-0.03	-3.46e-05	0.0	-1.94e-04
891	17	2.58e-03	-0.02	-0.04	-3.31e-06	0.0	-2.91e-04
891	21	-2.92e-04	-0.03	0.02	5.04e-05	0.0	-2.66e-04
891	22	7.75e-03	-3.13e-03	-0.05	-3.94e-05	0.0	-2.18e-04
891	23	-2.92e-04	-0.03	0.02	5.04e-05	0.0	-2.66e-04
891	24	6.86e-03	-6.29e-03	-0.04	-2.94e-05	0.0	-2.24e-04
892	1	2.45e-03	-6.54e-03	0.03	1.33e-04	0.0	-3.44e-05
892	2	3.73e-04	-0.01	-0.09	7.05e-05	0.0	-2.94e-05
892	4	-1.92e-04	-0.01	-0.10	3.99e-05	0.0	-2.15e-05
892	6	-0.03	-0.01	-0.07	0.0	0.0	9.79e-06
892	7	0.03	-4.30e-03	-9.83e-03	1.43e-04	0.0	-6.42e-05
892	9	-7.69e-03	-0.02	-0.03	3.16e-04	0.0	-7.71e-05
892	13	-5.25e-03	-9.26e-03	-0.04	7.10e-05	0.0	-2.06e-05
892	14	-5.30e-03	-8.66e-03	-0.05	5.56e-05	0.0	-1.71e-05
892	15	6.86e-03	-7.07e-03	-0.03	8.23e-05	0.0	-3.05e-05
892	21	1.88e-03	-5.03e-03	0.02	1.02e-04	0.0	-2.64e-05
892	22	6.38e-04	-8.22e-03	-0.05	6.48e-05	0.0	-2.35e-05
892	23	1.88e-03	-5.03e-03	0.02	1.02e-04	0.0	-2.64e-05
892	24	7.76e-04	-7.86e-03	-0.04	6.89e-05	0.0	-2.38e-05
893	1	1.96e-03	-0.01	0.03	1.78e-04	0.0	-6.84e-05
893	2	1.89e-03	-0.01	-0.09	4.94e-05	0.0	-7.56e-05
893	4	1.43e-03	-0.01	-0.10	8.32e-06	0.0	-5.98e-05
893	6	-0.03	-0.01	-0.07	1.37e-06	0.0	-2.07e-05
893	7	0.04	-9.67e-03	-9.78e-03	1.24e-04	0.0	-1.08e-04
893	9	-8.49e-03	-0.03	-0.03	3.51e-04	0.0	-1.71e-04
893	14	-5.51e-03	-0.01	-0.05	5.65e-05	0.0	-4.92e-05
893	15	8.45e-03	-0.01	-0.03	8.03e-05	0.0	-6.37e-05
893	17	-5.54e-04	-0.01	-0.04	9.71e-05	0.0	-6.69e-05
893	21	1.51e-03	-0.01	0.02	1.37e-04	0.0	-5.26e-05
893	22	1.46e-03	-0.01	-0.05	5.98e-05	0.0	-5.69e-05
893	23	1.51e-03	-0.01	0.02	1.37e-04	0.0	-5.26e-05
893	24	1.47e-03	-0.01	-0.04	6.84e-05	0.0	-5.65e-05
894	1	1.59e-03	-0.02	0.03	1.86e-04	0.0	-1.14e-04
894	2	3.28e-03	-0.02	-0.09	2.56e-05	0.0	-1.17e-04
894	4	2.92e-03	-0.01	-0.10	-1.73e-05	0.0	-9.07e-05
894	6	-0.04	-0.01	-0.07	-9.97e-06	0.0	-4.98e-05
894	7	0.04	-0.01	-9.72e-03	1.01e-04	0.0	-1.52e-04
894	9	-9.31e-03	-0.05	-0.03	3.58e-04	0.0	-2.69e-04
894	14	-5.76e-03	-0.01	-0.05	4.64e-05	0.0	-8.14e-05
894	15	0.01	-0.01	-0.03	6.87e-05	0.0	-9.75e-05
894	17	-1.82e-04	-0.02	-0.04	8.93e-05	0.0	-1.06e-04
894	21	1.23e-03	-0.02	0.02	1.43e-04	0.0	-8.80e-05
894	22	2.24e-03	-0.01	-0.05	4.69e-05	0.0	-8.96e-05
894	23	1.23e-03	-0.02	0.02	1.43e-04	0.0	-8.80e-05
894	24	2.13e-03	-0.01	-0.04	5.76e-05	0.0	-8.94e-05
895	1	1.31e-03	-0.03	0.03	1.73e-04	0.0	-1.63e-04
895	2	4.58e-03	-0.02	-0.09	2.08e-06	0.0	-1.54e-04
895	4	4.28e-03	-9.87e-03	-0.09	-3.79e-05	0.0	-1.17e-04
895	6	-0.04	-0.01	-0.07	-2.71e-05	0.0	-7.62e-05
895	7	0.05	-0.02	-9.67e-03	7.93e-05	0.0	-1.94e-04
895	9	-0.01	-0.06	-0.03	3.48e-04	0.0	-3.67e-04
895	14	-6.03e-03	-0.01	-0.05	3.11e-05	0.0	-1.12e-04
895	15	0.01	-0.02	-0.03	5.29e-05	0.0	-1.30e-04
895	17	1.59e-04	-0.02	-0.04	7.54e-05	0.0	-1.45e-04
895	21	1.01e-03	-0.02	0.02	1.33e-04	0.0	-1.26e-04
895	22	2.97e-03	-0.01	-0.05	3.06e-05	0.0	-1.20e-04
895	23	1.01e-03	-0.02	0.02	1.33e-04	0.0	-1.26e-04
895	24	2.75e-03	-0.02	-0.04	4.20e-05	0.0	-1.21e-04
896	1	1.06e-03	-0.03	0.03	1.52e-04	0.0	-2.10e-04
896	2	5.81e-03	-0.02	-0.09	-1.89e-05	0.0	-1.87e-04
896	4	5.57e-03	-7.99e-03	-0.09	-5.39e-05	0.0	-1.38e-04
896	6	-0.05	-9.66e-03	-0.07	-4.53e-05	0.0	-9.88e-05
896	7	0.05	-0.02	-9.63e-03	6.02e-05	0.0	-2.32e-04
896	9	-0.01	-0.08	-0.03	3.29e-04	0.0	-4.63e-04
896	14	-6.33e-03	-0.02	-0.05	1.48e-05	0.0	-1.39e-04
896	15	0.01	-0.02	-0.03	3.67e-05	0.0	-1.59e-04
896	17	4.74e-04	-0.02	-0.04	5.99e-05	0.0	-1.80e-04
896	21	8.19e-04	-0.03	0.02	1.17e-04	0.0	-1.62e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
896	22	3.67e-03	-0.02	-0.05	1.44e-05	0.0	-1.48e-04
896	23	8.19e-04	-0.03	0.02	1.17e-04	0.0	-1.62e-04
896	24	3.35e-03	-0.02	-0.04	2.57e-05	0.0	-1.49e-04
897	1	8.31e-04	-0.04	0.03	1.30e-04	0.0	-2.52e-04
897	2	7.01e-03	-0.01	-0.09	-3.58e-05	0.0	-2.15e-04
897	4	6.82e-03	-5.55e-03	-0.09	-6.58e-05	0.0	-1.56e-04
897	6	-0.05	-7.50e-03	-0.07	-6.16e-05	0.0	-1.17e-04
897	7	0.06	-0.02	-9.59e-03	4.59e-05	0.0	-2.66e-04
897	9	-0.01	-0.09	-0.03	3.08e-04	0.0	-5.53e-04
897	14	-6.63e-03	-0.02	-0.05	0.0	0.0	-1.63e-04
897	15	0.01	-0.02	-0.03	2.27e-05	0.0	-1.85e-04
897	17	7.78e-04	-0.03	-0.04	4.57e-05	0.0	-2.12e-04
897	21	6.39e-04	-0.03	0.02	9.99e-05	0.0	-1.94e-04
897	22	4.35e-03	-0.02	-0.05	0.0	0.0	-1.71e-04
897	23	6.39e-04	-0.03	0.02	9.99e-05	0.0	-1.94e-04
897	24	3.94e-03	-0.02	-0.04	1.15e-05	0.0	-1.74e-04
898	1	5.83e-04	-0.04	0.03	1.12e-04	0.0	-2.88e-04
898	2	8.22e-03	-0.01	-0.09	-4.82e-05	0.0	-2.38e-04
898	4	8.09e-03	-2.71e-03	-0.09	-7.41e-05	0.0	-1.72e-04
898	6	-0.05	-4.74e-03	-0.07	-7.42e-05	0.0	-1.32e-04
898	8	0.06	9.61e-03	-0.02	-8.56e-05	0.0	-1.19e-04
898	9	-0.01	-0.10	-0.03	2.90e-04	0.0	-6.37e-04
898	14	-6.92e-03	-0.02	-0.05	-1.07e-05	0.0	-1.83e-04
898	16	0.02	-0.01	-0.03	-8.17e-06	0.0	-1.80e-04
898	17	1.09e-03	-0.03	-0.04	3.47e-05	0.0	-2.40e-04
898	21	4.48e-04	-0.03	0.02	8.65e-05	0.0	-2.22e-04
898	22	5.03e-03	-0.02	-0.05	-9.86e-06	0.0	-1.92e-04
898	23	4.48e-04	-0.03	0.02	8.65e-05	0.0	-2.22e-04
898	24	4.52e-03	-0.02	-0.04	0.0	0.0	-1.95e-04
899	1	2.96e-04	-0.05	0.03	1.02e-04	0.0	-3.20e-04
899	2	9.49e-03	-0.01	-0.09	-5.60e-05	0.0	-2.59e-04
899	4	9.42e-03	3.94e-04	-0.09	-7.95e-05	0.0	-1.85e-04
899	6	-0.06	-1.56e-03	-0.07	-8.25e-05	0.0	-1.45e-04
899	8	0.07	0.01	-0.02	-8.86e-05	0.0	-1.20e-04
899	9	-0.01	-0.11	-0.03	2.77e-04	0.0	-7.16e-04
899	14	-7.19e-03	-0.02	-0.05	-1.77e-05	0.0	-2.01e-04
899	16	0.02	-0.01	-0.03	-1.44e-05	0.0	-1.95e-04
899	17	1.41e-03	-0.03	-0.04	2.75e-05	0.0	-2.66e-04
899	21	2.28e-04	-0.04	0.02	7.83e-05	0.0	-2.46e-04
899	22	5.74e-03	-0.01	-0.05	-1.64e-05	0.0	-2.10e-04
899	23	2.28e-04	-0.04	0.02	7.83e-05	0.0	-2.46e-04
899	24	5.13e-03	-0.02	-0.04	-5.86e-06	0.0	-2.14e-04
900	1	-5.31e-05	-0.05	0.03	9.74e-05	0.0	-3.50e-04
900	4	0.01	3.66e-03	-0.09	-8.26e-05	0.0	-1.99e-04
900	6	-0.06	1.85e-03	-0.07	-8.63e-05	0.0	-1.57e-04
900	8	0.07	0.02	-0.02	-9.09e-05	0.0	-1.20e-04
900	9	-0.01	-0.12	-0.03	2.72e-04	0.0	-7.95e-04
900	14	-7.40e-03	-0.01	-0.05	-2.10e-05	0.0	-2.18e-04
900	16	0.02	-0.01	-0.03	-1.74e-05	0.0	-2.10e-04
900	17	1.78e-03	-0.03	-0.04	2.42e-05	0.0	-2.91e-04
900	21	-4.08e-05	-0.04	0.02	7.50e-05	0.0	-2.69e-04
900	22	6.50e-03	-0.01	-0.05	-1.96e-05	0.0	-2.27e-04
900	23	-4.08e-05	-0.04	0.02	7.50e-05	0.0	-2.69e-04
900	24	5.77e-03	-0.02	-0.04	-9.07e-06	0.0	-2.32e-04
901	1	-4.95e-04	-0.06	0.03	9.67e-05	0.0	-3.64e-04
901	4	0.01	7.01e-03	-0.09	-8.41e-05	0.0	-2.05e-04
901	6	-0.06	5.34e-03	-0.07	-8.70e-05	0.0	-1.63e-04
901	8	0.08	0.02	-0.02	-9.56e-05	0.0	-1.20e-04
901	9	-0.02	-0.13	-0.03	2.74e-04	0.0	-8.33e-04
901	14	-7.53e-03	-0.01	-0.05	-2.19e-05	0.0	-2.27e-04
901	16	0.02	-0.01	-0.03	-1.89e-05	0.0	-2.17e-04
901	17	2.22e-03	-0.03	-0.04	2.35e-05	0.0	-3.02e-04
901	21	-3.81e-04	-0.04	0.02	7.44e-05	0.0	-2.80e-04
901	22	7.33e-03	-0.01	-0.05	-2.07e-05	0.0	-2.35e-04
901	23	-3.81e-04	-0.04	0.02	7.44e-05	0.0	-2.80e-04
901	24	6.48e-03	-0.02	-0.04	-1.01e-05	0.0	-2.40e-04
902	1	2.14e-03	-7.66e-03	0.03	1.58e-04	0.0	-2.91e-05
902	2	7.29e-04	-0.01	-0.09	1.17e-04	0.0	-2.87e-05
902	4	2.35e-04	-0.01	-0.10	8.03e-05	0.0	-2.20e-05
902	6	-0.03	-0.01	-0.07	2.96e-05	0.0	9.42e-06
902	7	0.03	-6.95e-03	-0.02	1.84e-04	0.0	-6.15e-05
902	9	-7.70e-03	-0.02	-0.03	4.03e-04	0.0	-6.85e-05
902	14	-5.18e-03	-9.35e-03	-0.05	8.57e-05	0.0	-1.58e-05
902	15	6.96e-03	-8.31e-03	-0.04	1.13e-04	0.0	-2.85e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
902	17	-8.50e-04	-0.01	-0.04	1.29e-04	0.0	-2.58e-05
902	21	1.65e-03	-5.89e-03	0.02	1.22e-04	0.0	-2.24e-05
902	22	8.00e-04	-9.20e-03	-0.05	9.68e-05	0.0	-2.21e-05
902	23	1.65e-03	-5.89e-03	0.02	1.22e-04	0.0	-2.24e-05
902	24	8.94e-04	-8.83e-03	-0.04	9.96e-05	0.0	-2.22e-05
903	2	2.06e-03	-0.02	-0.09	9.43e-05	0.0	-7.14e-05
903	4	1.67e-03	-0.01	-0.10	4.32e-05	0.0	-5.78e-05
903	6	-0.03	-0.01	-0.07	3.17e-05	0.0	-1.79e-05
903	7	0.04	-0.01	-0.01	1.71e-04	0.0	-1.03e-04
903	9	-8.57e-03	-0.04	-0.03	4.48e-04	0.0	-1.53e-04
903	14	-5.48e-03	-0.01	-0.05	8.97e-05	0.0	-4.49e-05
903	15	8.47e-03	-0.01	-0.04	1.15e-04	0.0	-5.89e-05
903	17	-5.33e-04	-0.02	-0.04	1.38e-04	0.0	-6.11e-05
903	22	1.52e-03	-0.01	-0.05	9.40e-05	0.0	-5.28e-05
903	24	1.50e-03	-0.01	-0.04	1.02e-04	0.0	-5.19e-05
904	1	1.35e-03	-0.03	0.03	2.36e-04	0.0	-1.01e-04
904	2	3.31e-03	-0.02	-0.09	6.69e-05	0.0	-1.11e-04
904	4	2.99e-03	-0.01	-0.10	1.24e-05	0.0	-8.76e-05
904	6	-0.04	-0.01	-0.07	1.85e-05	0.0	-4.41e-05
904	7	0.04	-0.02	-0.01	1.49e-04	0.0	-1.48e-04
904	9	-9.44e-03	-0.06	-0.03	4.59e-04	0.0	-2.41e-04
904	14	-5.79e-03	-0.02	-0.05	7.92e-05	0.0	-7.48e-05
904	15	9.96e-03	-0.02	-0.04	1.04e-04	0.0	-9.08e-05
904	17	-2.32e-04	-0.02	-0.04	1.30e-04	0.0	-9.77e-05
904	21	1.04e-03	-0.02	0.02	1.82e-04	0.0	-7.73e-05
904	22	2.21e-03	-0.02	-0.05	8.02e-05	0.0	-8.35e-05
904	23	1.04e-03	-0.02	0.02	1.82e-04	0.0	-7.73e-05
904	24	2.08e-03	-0.02	-0.04	9.14e-05	0.0	-8.28e-05
905	1	1.09e-03	-0.03	0.03	2.24e-04	0.0	-1.46e-04
905	2	4.48e-03	-0.02	-0.09	3.88e-05	0.0	-1.47e-04
905	4	4.23e-03	-0.01	-0.10	-1.29e-05	0.0	-1.13e-04
905	6	-0.04	-0.01	-0.07	-1.96e-06	0.0	-6.82e-05
905	7	0.05	-0.03	-0.01	1.24e-04	0.0	-1.92e-04
905	9	-0.01	-0.08	-0.03	4.47e-04	0.0	-3.31e-04
905	14	-6.13e-03	-0.02	-0.05	6.14e-05	0.0	-1.04e-04
905	15	0.01	-0.02	-0.04	8.55e-05	0.0	-1.22e-04
905	17	4.93e-05	-0.03	-0.04	1.14e-04	0.0	-1.34e-04
905	21	8.39e-04	-0.03	0.02	1.72e-04	0.0	-1.13e-04
905	22	2.87e-03	-0.02	-0.05	6.11e-05	0.0	-1.13e-04
905	23	8.39e-04	-0.03	0.02	1.72e-04	0.0	-1.13e-04
905	24	2.65e-03	-0.02	-0.04	7.35e-05	0.0	-1.13e-04
906	1	8.68e-04	-0.04	0.03	1.99e-04	0.0	-1.91e-04
906	2	5.61e-03	-0.02	-0.09	1.29e-05	0.0	-1.79e-04
906	4	5.41e-03	-0.01	-0.10	-3.29e-05	0.0	-1.35e-04
906	6	-0.05	-0.01	-0.07	-2.42e-05	0.0	-8.90e-05
906	7	0.05	-0.03	-0.01	1.00e-04	0.0	-2.32e-04
906	9	-0.01	-0.10	-0.03	4.24e-04	0.0	-4.18e-04
906	14	-6.47e-03	-0.02	-0.05	4.16e-05	0.0	-1.30e-04
906	15	0.01	-0.02	-0.04	6.59e-05	0.0	-1.51e-04
906	17	3.15e-04	-0.03	-0.04	9.50e-05	0.0	-1.68e-04
906	21	6.67e-04	-0.03	0.02	1.53e-04	0.0	-1.47e-04
906	22	3.51e-03	-0.02	-0.05	4.14e-05	0.0	-1.40e-04
906	23	6.67e-04	-0.03	0.02	1.53e-04	0.0	-1.47e-04
906	24	3.19e-03	-0.02	-0.04	5.37e-05	0.0	-1.41e-04
907	1	6.57e-04	-0.05	0.03	1.71e-04	0.0	-2.33e-04
907	2	6.71e-03	-0.02	-0.09	-8.58e-06	0.0	-2.07e-04
907	4	6.56e-03	-0.01	-0.10	-4.81e-05	0.0	-1.53e-04
907	6	-0.05	-0.01	-0.07	-4.44e-05	0.0	-1.06e-04
907	7	0.06	-0.03	-0.01	8.05e-05	0.0	-2.69e-04
907	9	-0.01	-0.11	-0.03	3.97e-04	0.0	-5.01e-04
907	14	-6.82e-03	-0.02	-0.05	2.35e-05	0.0	-1.54e-04
907	15	0.01	-0.03	-0.04	4.81e-05	0.0	-1.77e-04
907	17	5.74e-04	-0.03	-0.04	7.70e-05	0.0	-1.99e-04
907	21	5.06e-04	-0.04	0.02	1.32e-04	0.0	-1.79e-04
907	22	4.14e-03	-0.02	-0.05	2.38e-05	0.0	-1.63e-04
907	23	5.06e-04	-0.04	0.02	1.32e-04	0.0	-1.79e-04
907	24	3.73e-03	-0.02	-0.04	3.58e-05	0.0	-1.65e-04
908	1	4.35e-04	-0.06	0.03	1.48e-04	0.0	-2.69e-04
908	2	7.82e-03	-0.02	-0.09	-2.46e-05	0.0	-2.31e-04
908	4	7.72e-03	-0.01	-0.10	-5.88e-05	0.0	-1.69e-04
908	6	-0.05	-0.01	-0.07	-6.01e-05	0.0	-1.21e-04
908	8	0.06	3.77e-03	-0.02	-8.02e-05	0.0	-1.44e-04
908	9	-0.01	-0.13	-0.03	3.73e-04	0.0	-5.78e-04
908	14	-7.16e-03	-0.02	-0.05	9.37e-06	0.0	-1.74e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
908	16	0.02	-0.02	-0.04	9.92e-06	0.0	-1.75e-04
908	17	8.38e-04	-0.04	-0.04	6.26e-05	0.0	-2.26e-04
908	21	3.35e-04	-0.04	0.02	1.14e-04	0.0	-2.07e-04
908	22	4.76e-03	-0.02	-0.05	1.03e-05	0.0	-1.84e-04
908	23	3.35e-04	-0.04	0.02	1.14e-04	0.0	-2.07e-04
908	24	4.27e-03	-0.03	-0.04	2.19e-05	0.0	-1.87e-04
909	1	1.78e-04	-0.06	0.03	1.34e-04	0.0	-3.01e-04
909	2	8.98e-03	-0.02	-0.09	-3.47e-05	0.0	-2.52e-04
909	4	8.94e-03	-7.58e-03	-0.10	-6.56e-05	0.0	-1.83e-04
909	6	-0.06	-7.60e-03	-0.07	-7.02e-05	0.0	-1.33e-04
909	8	0.07	7.16e-03	-0.02	-8.55e-05	0.0	-1.51e-04
909	9	-0.01	-0.14	-0.03	3.56e-04	0.0	-6.50e-04
909	14	-7.47e-03	-0.02	-0.05	0.0	0.0	-1.92e-04
909	16	0.02	-0.02	-0.04	1.57e-06	0.0	-1.92e-04
909	17	1.12e-03	-0.04	-0.04	5.31e-05	0.0	-2.51e-04
909	21	1.37e-04	-0.05	0.02	1.03e-04	0.0	-2.32e-04
909	22	5.42e-03	-0.02	-0.05	1.80e-06	0.0	-2.02e-04
909	23	1.37e-04	-0.05	0.02	1.03e-04	0.0	-2.32e-04
909	24	4.83e-03	-0.03	-0.04	1.30e-05	0.0	-2.06e-04
910	1	-1.39e-04	-0.07	0.03	1.28e-04	0.0	-3.32e-04
910	4	0.01	-4.87e-03	-0.10	-6.86e-05	0.0	-1.96e-04
910	6	-0.06	-4.66e-03	-0.07	-7.45e-05	0.0	-1.45e-04
910	8	0.07	0.01	-0.02	-8.78e-05	0.0	-1.57e-04
910	9	-0.01	-0.16	-0.03	3.49e-04	0.0	-7.23e-04
910	14	-7.73e-03	-0.02	-0.05	-3.43e-06	0.0	-2.09e-04
910	16	0.02	-0.02	-0.04	-1.88e-06	0.0	-2.08e-04
910	17	1.44e-03	-0.04	-0.04	4.93e-05	0.0	-2.76e-04
910	21	-1.07e-04	-0.05	0.02	9.85e-05	0.0	-2.55e-04
910	22	6.11e-03	-0.02	-0.05	-1.75e-06	0.0	-2.20e-04
910	23	-1.07e-04	-0.05	0.02	9.85e-05	0.0	-2.55e-04
910	24	5.42e-03	-0.03	-0.04	9.38e-06	0.0	-2.24e-04
911	1	-5.44e-04	-0.07	0.03	1.29e-04	0.0	-3.47e-04
911	4	0.01	-2.11e-03	-0.10	-6.85e-05	0.0	-2.03e-04
911	6	-0.06	-1.67e-03	-0.07	-7.40e-05	0.0	-1.50e-04
911	8	0.08	0.01	-0.02	-9.00e-05	0.0	-1.60e-04
911	9	-0.02	-0.17	-0.03	3.55e-04	0.0	-7.58e-04
911	14	-7.94e-03	-0.02	-0.05	-2.99e-06	0.0	-2.17e-04
911	16	0.02	-0.02	-0.04	-1.78e-06	0.0	-2.15e-04
911	17	1.80e-03	-0.04	-0.04	5.02e-05	0.0	-2.87e-04
911	21	-4.18e-04	-0.06	0.02	9.93e-05	0.0	-2.67e-04
911	22	6.86e-03	-0.02	-0.05	-1.39e-06	0.0	-2.28e-04
911	23	-4.18e-04	-0.06	0.02	9.93e-05	0.0	-2.67e-04
911	24	6.05e-03	-0.03	-0.04	9.80e-06	0.0	-2.33e-04
912	1	1.78e-03	-8.56e-03	0.03	1.79e-04	0.0	-2.32e-05
912	2	1.13e-03	-0.01	-0.09	1.58e-04	0.0	-2.55e-05
912	4	7.18e-04	-0.01	-0.10	1.16e-04	0.0	-2.01e-05
912	6	-0.03	-0.01	-0.06	5.53e-05	0.0	1.04e-05
912	7	0.03	-9.39e-03	-0.02	2.21e-04	0.0	-5.60e-05
912	9	-7.71e-03	-0.03	-0.03	4.79e-04	0.0	-5.67e-05
912	14	-5.04e-03	-9.96e-03	-0.05	1.12e-04	0.0	-1.32e-05
912	15	7.08e-03	-9.42e-03	-0.04	1.40e-04	0.0	-2.50e-05
912	17	-7.33e-04	-0.01	-0.04	1.61e-04	0.0	-2.20e-05
912	21	1.37e-03	-6.59e-03	0.03	1.37e-04	0.0	-1.78e-05
912	22	9.79e-04	-0.01	-0.05	1.25e-04	0.0	-1.92e-05
912	23	1.37e-03	-6.59e-03	0.03	1.37e-04	0.0	-1.78e-05
912	24	1.02e-03	-9.69e-03	-0.04	1.26e-04	0.0	-1.91e-05
913	2	2.28e-03	-0.02	-0.09	1.35e-04	0.0	-6.21e-05
913	4	1.95e-03	-0.02	-0.10	7.53e-05	0.0	-5.12e-05
913	6	-0.03	-0.01	-0.06	5.80e-05	0.0	-1.27e-05
913	7	0.04	-0.02	-0.02	2.15e-04	0.0	-9.21e-05
913	9	-8.63e-03	-0.05	-0.03	5.34e-04	0.0	-1.28e-04
913	14	-5.42e-03	-0.01	-0.05	1.19e-04	0.0	-3.78e-05
913	15	8.51e-03	-0.02	-0.04	1.47e-04	0.0	-5.07e-05
913	17	-4.96e-04	-0.02	-0.04	1.73e-04	0.0	-5.18e-05
913	22	1.60e-03	-0.02	-0.05	1.25e-04	0.0	-4.53e-05
913	24	1.54e-03	-0.02	-0.04	1.33e-04	0.0	-4.43e-05
914	1	1.10e-03	-0.03	0.03	2.81e-04	0.0	-8.26e-05
914	2	3.37e-03	-0.03	-0.09	1.05e-04	0.0	-9.66e-05
914	4	3.11e-03	-0.02	-0.10	4.02e-05	0.0	-7.75e-05
914	6	-0.04	-0.02	-0.06	4.33e-05	0.0	-3.45e-05
914	7	0.04	-0.03	-0.02	1.95e-04	0.0	-1.32e-04
914	9	-9.55e-03	-0.07	-0.03	5.47e-04	0.0	-2.03e-04
914	14	-5.81e-03	-0.02	-0.05	1.09e-04	0.0	-6.35e-05
914	15	9.92e-03	-0.02	-0.04	1.36e-04	0.0	-7.84e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
914	17	-2.66e-04	-0.03	-0.04	1.67e-04	0.0	-8.33e-05
914	21	8.48e-04	-0.02	0.02	2.16e-04	0.0	-6.35e-05
914	22	2.21e-03	-0.02	-0.05	1.11e-04	0.0	-7.19e-05
914	23	8.48e-04	-0.02	0.02	2.16e-04	0.0	-6.35e-05
914	24	2.06e-03	-0.02	-0.04	1.22e-04	0.0	-7.10e-05
915	1	8.74e-04	-0.04	0.03	2.70e-04	0.0	-1.22e-04
915	2	4.40e-03	-0.03	-0.09	7.32e-05	0.0	-1.29e-04
915	4	4.20e-03	-0.02	-0.10	1.09e-05	0.0	-1.01e-04
915	6	-0.04	-0.02	-0.06	2.01e-05	0.0	-5.46e-05
915	7	0.05	-0.03	-0.02	1.68e-04	0.0	-1.73e-04
915	9	-0.01	-0.09	-0.03	5.34e-04	0.0	-2.79e-04
915	14	-6.21e-03	-0.02	-0.05	8.93e-05	0.0	-8.88e-05
915	15	0.01	-0.03	-0.04	1.16e-04	0.0	-1.06e-04
915	17	-4.66e-05	-0.03	-0.04	1.49e-04	0.0	-1.15e-04
915	21	6.73e-04	-0.03	0.02	2.08e-04	0.0	-9.39e-05
915	22	2.79e-03	-0.02	-0.05	8.96e-05	0.0	-9.79e-05
915	23	6.73e-04	-0.03	0.02	2.08e-04	0.0	-9.39e-05
915	24	2.56e-03	-0.02	-0.04	1.03e-04	0.0	-9.75e-05
916	1	6.82e-04	-0.05	0.03	2.42e-04	0.0	-1.62e-04
916	2	5.41e-03	-0.03	-0.09	4.32e-05	0.0	-1.58e-04
916	4	5.25e-03	-0.02	-0.10	-1.27e-05	0.0	-1.20e-04
916	6	-0.05	-0.02	-0.06	-5.50e-06	0.0	-7.20e-05
916	7	0.05	-0.04	-0.02	1.40e-04	0.0	-2.12e-04
916	9	-0.01	-0.11	-0.03	5.08e-04	0.0	-3.53e-04
916	14	-6.61e-03	-0.03	-0.05	6.67e-05	0.0	-1.12e-04
916	15	0.01	-0.03	-0.04	9.37e-05	0.0	-1.32e-04
916	17	1.64e-04	-0.04	-0.04	1.28e-04	0.0	-1.45e-04
916	21	5.25e-04	-0.04	0.02	1.86e-04	0.0	-1.24e-04
916	22	3.36e-03	-0.03	-0.05	6.69e-05	0.0	-1.22e-04
916	23	5.25e-04	-0.04	0.02	1.86e-04	0.0	-1.24e-04
916	24	3.04e-03	-0.03	-0.04	8.02e-05	0.0	-1.22e-04
917	1	5.02e-04	-0.06	0.03	2.11e-04	0.0	-1.99e-04
917	2	6.39e-03	-0.03	-0.09	1.77e-05	0.0	-1.83e-04
917	4	6.28e-03	-0.02	-0.10	-3.09e-05	0.0	-1.37e-04
917	6	-0.05	-0.02	-0.06	-2.89e-05	0.0	-8.68e-05
917	7	0.06	-0.05	-0.02	1.17e-04	0.0	-2.48e-04
917	9	-0.01	-0.13	-0.03	4.76e-04	0.0	-4.23e-04
917	14	-7.02e-03	-0.03	-0.05	4.55e-05	0.0	-1.33e-04
917	15	0.01	-0.03	-0.04	7.27e-05	0.0	-1.56e-04
917	17	3.71e-04	-0.04	-0.04	1.06e-04	0.0	-1.72e-04
917	21	3.86e-04	-0.05	0.02	1.62e-04	0.0	-1.53e-04
917	22	3.92e-03	-0.03	-0.05	4.63e-05	0.0	-1.43e-04
917	23	3.86e-04	-0.05	0.02	1.62e-04	0.0	-1.53e-04
917	24	3.53e-03	-0.03	-0.04	5.91e-05	0.0	-1.44e-04
918	1	3.13e-04	-0.07	0.03	1.83e-04	0.0	-2.32e-04
918	2	7.39e-03	-0.03	-0.09	-1.64e-06	0.0	-2.05e-04
918	4	7.31e-03	-0.02	-0.10	-4.39e-05	0.0	-1.52e-04
918	6	-0.05	-0.02	-0.06	-4.72e-05	0.0	-9.91e-05
918	8	0.06	-2.63e-03	-0.03	-7.00e-05	0.0	-1.48e-04
918	9	-0.01	-0.15	-0.03	4.47e-04	0.0	-4.90e-04
918	14	-7.41e-03	-0.03	-0.05	2.86e-05	0.0	-1.52e-04
918	16	0.02	-0.03	-0.04	2.81e-05	0.0	-1.57e-04
918	17	5.83e-04	-0.05	-0.04	8.88e-05	0.0	-1.97e-04
918	21	2.41e-04	-0.05	0.02	1.41e-04	0.0	-1.78e-04
918	22	4.49e-03	-0.03	-0.05	3.00e-05	0.0	-1.62e-04
918	23	2.41e-04	-0.05	0.02	1.41e-04	0.0	-1.78e-04
918	24	4.01e-03	-0.03	-0.04	4.23e-05	0.0	-1.64e-04
919	1	9.44e-05	-0.07	0.03	1.65e-04	0.0	-2.61e-04
919	2	8.42e-03	-0.03	-0.09	-1.39e-05	0.0	-2.25e-04
919	4	8.40e-03	-0.02	-0.10	-5.19e-05	0.0	-1.65e-04
919	6	-0.06	-0.01	-0.06	-5.90e-05	0.0	-1.10e-04
919	8	0.07	3.91e-04	-0.03	-7.76e-05	0.0	-1.58e-04
919	9	-0.01	-0.17	-0.03	4.25e-04	0.0	-5.52e-04
919	14	-7.77e-03	-0.03	-0.05	1.77e-05	0.0	-1.68e-04
919	16	0.02	-0.03	-0.04	1.78e-05	0.0	-1.72e-04
919	17	8.12e-04	-0.05	-0.04	7.73e-05	0.0	-2.19e-04
919	21	7.26e-05	-0.06	0.02	1.27e-04	0.0	-2.01e-04
919	22	5.07e-03	-0.03	-0.05	1.96e-05	0.0	-1.79e-04
919	23	7.26e-05	-0.06	0.02	1.27e-04	0.0	-2.01e-04
919	24	4.51e-03	-0.03	-0.04	3.15e-05	0.0	-1.82e-04
920	1	-1.77e-04	-0.08	0.03	1.58e-04	0.0	-2.90e-04
920	4	9.56e-03	-0.01	-0.10	-5.50e-05	0.0	-1.78e-04
920	6	-0.06	-0.01	-0.06	-6.37e-05	0.0	-1.19e-04
920	8	0.07	3.60e-03	-0.03	-8.05e-05	0.0	-1.67e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
920	9	-0.01	-0.18	-0.03	4.18e-04	0.0	-6.15e-04
920	14	-8.10e-03	-0.03	-0.05	1.34e-05	0.0	-1.84e-04
920	16	0.02	-0.03	-0.04	1.37e-05	0.0	-1.87e-04
920	17	1.07e-03	-0.05	-0.04	7.28e-05	0.0	-2.41e-04
920	21	-1.36e-04	-0.06	0.02	1.21e-04	0.0	-2.23e-04
920	22	5.68e-03	-0.03	-0.05	1.55e-05	0.0	-1.96e-04
920	23	-1.36e-04	-0.06	0.02	1.21e-04	0.0	-2.23e-04
920	24	5.04e-03	-0.04	-0.04	2.72e-05	0.0	-1.99e-04
921	1	-5.27e-04	-0.09	0.03	1.60e-04	0.0	-3.03e-04
921	4	0.01	-0.01	-0.10	-5.38e-05	0.0	-1.84e-04
921	6	-0.06	-7.80e-03	-0.06	-6.25e-05	0.0	-1.24e-04
921	8	0.08	6.85e-03	-0.03	-8.09e-05	0.0	-1.71e-04
921	9	-0.02	-0.20	-0.03	4.25e-04	0.0	-6.44e-04
921	14	-8.38e-03	-0.03	-0.05	1.47e-05	0.0	-1.92e-04
921	16	0.02	-0.03	-0.04	1.49e-05	0.0	-1.95e-04
921	17	1.36e-03	-0.06	-0.04	7.49e-05	0.0	-2.52e-04
921	21	-4.05e-04	-0.07	0.02	1.23e-04	0.0	-2.33e-04
921	22	6.34e-03	-0.03	-0.05	1.69e-05	0.0	-2.03e-04
921	23	-4.05e-04	-0.07	0.02	1.23e-04	0.0	-2.33e-04
921	24	5.59e-03	-0.04	-0.04	2.87e-05	0.0	-2.07e-04
922	2	1.56e-03	-0.02	-0.09	1.91e-04	0.0	-2.08e-05
922	4	1.25e-03	-0.01	-0.10	1.46e-04	0.0	-1.68e-05
922	6	-0.03	-0.01	-0.06	7.64e-05	0.0	1.23e-05
922	7	0.03	-0.01	-0.02	2.51e-04	0.0	-4.87e-05
922	9	-7.71e-03	-0.03	-0.03	5.41e-04	0.0	-4.27e-05
922	14	-4.89e-03	-0.01	-0.04	1.33e-04	0.0	-9.73e-06
922	15	7.21e-03	-0.01	-0.04	1.62e-04	0.0	-2.06e-05
922	17	-6.09e-04	-0.01	-0.04	1.86e-04	0.0	-1.72e-05
922	22	1.17e-03	-0.01	-0.05	1.48e-04	0.0	-1.54e-05
922	24	1.16e-03	-0.01	-0.04	1.48e-04	0.0	-1.51e-05
923	2	2.53e-03	-0.02	-0.09	1.69e-04	0.0	-4.96e-05
923	4	2.28e-03	-0.02	-0.10	1.02e-04	0.0	-4.14e-05
923	6	-0.03	-0.01	-0.06	7.91e-05	0.0	-5.83e-06
923	7	0.04	-0.02	-0.02	2.53e-04	0.0	-7.72e-05
923	9	-8.69e-03	-0.05	-0.03	6.03e-04	0.0	-9.80e-05
923	14	-5.35e-03	-0.02	-0.04	1.43e-04	0.0	-2.90e-05
923	15	8.56e-03	-0.02	-0.04	1.72e-04	0.0	-4.06e-05
923	17	-4.47e-04	-0.02	-0.04	2.03e-04	0.0	-4.04e-05
923	22	1.70e-03	-0.02	-0.05	1.50e-04	0.0	-3.57e-05
923	24	1.60e-03	-0.02	-0.04	1.58e-04	0.0	-3.48e-05
924	1	8.40e-04	-0.03	0.03	3.18e-04	0.0	-6.26e-05
924	2	3.46e-03	-0.03	-0.09	1.37e-04	0.0	-7.71e-05
924	4	3.26e-03	-0.02	-0.10	6.40e-05	0.0	-6.27e-05
924	6	-0.04	-0.02	-0.06	6.31e-05	0.0	-2.23e-05
924	7	0.04	-0.03	-0.02	2.35e-04	0.0	-1.10e-04
924	9	-9.66e-03	-0.08	-0.03	6.19e-04	0.0	-1.56e-04
924	14	-5.82e-03	-0.02	-0.04	1.34e-04	0.0	-4.93e-05
924	15	9.90e-03	-0.02	-0.04	1.63e-04	0.0	-6.25e-05
924	17	-2.87e-04	-0.03	-0.04	1.97e-04	0.0	-6.53e-05
924	21	6.46e-04	-0.02	0.03	2.44e-04	0.0	-4.82e-05
924	22	2.22e-03	-0.02	-0.05	1.36e-04	0.0	-5.69e-05
924	23	6.46e-04	-0.02	0.03	2.44e-04	0.0	-4.82e-05
924	24	2.04e-03	-0.02	-0.04	1.48e-04	0.0	-5.59e-05
925	1	6.58e-04	-0.05	0.03	3.08e-04	0.0	-9.38e-05
925	2	4.35e-03	-0.03	-0.09	1.03e-04	0.0	-1.03e-04
925	4	4.20e-03	-0.02	-0.10	3.16e-05	0.0	-8.15e-05
925	6	-0.04	-0.02	-0.06	3.75e-05	0.0	-3.73e-05
925	7	0.05	-0.04	-0.02	2.08e-04	0.0	-1.45e-04
925	9	-0.01	-0.10	-0.03	6.06e-04	0.0	-2.15e-04
925	14	-6.28e-03	-0.03	-0.04	1.13e-04	0.0	-6.94e-05
925	15	0.01	-0.03	-0.04	1.42e-04	0.0	-8.49e-05
925	17	-1.32e-04	-0.04	-0.04	1.79e-04	0.0	-9.04e-05
925	21	5.06e-04	-0.03	0.02	2.37e-04	0.0	-7.21e-05
925	22	2.72e-03	-0.03	-0.05	1.14e-04	0.0	-7.78e-05
925	23	5.06e-04	-0.03	0.02	2.37e-04	0.0	-7.21e-05
925	24	2.47e-03	-0.03	-0.04	1.28e-04	0.0	-7.71e-05
926	1	5.05e-04	-0.06	0.03	2.79e-04	0.0	-1.25e-04
926	2	5.22e-03	-0.04	-0.09	6.95e-05	0.0	-1.27e-04
926	4	5.10e-03	-0.02	-0.10	5.03e-06	0.0	-9.79e-05
926	6	-0.05	-0.02	-0.06	9.33e-06	0.0	-5.02e-05
926	7	0.05	-0.05	-0.02	1.78e-04	0.0	-1.79e-04
926	9	-0.01	-0.13	-0.03	5.77e-04	0.0	-2.73e-04
926	14	-6.75e-03	-0.03	-0.04	8.82e-05	0.0	-8.83e-05
926	15	0.01	-0.04	-0.04	1.18e-04	0.0	-1.06e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
926	17	1.84e-05	-0.04	-0.04	1.55e-04	0.0	-1.14e-04
926	21	3.89e-04	-0.04	0.02	2.15e-04	0.0	-9.64e-05
926	22	3.21e-03	-0.03	-0.05	8.90e-05	0.0	-9.73e-05
926	23	3.89e-04	-0.04	0.02	2.15e-04	0.0	-9.64e-05
926	24	2.90e-03	-0.03	-0.04	1.03e-04	0.0	-9.72e-05
927	1	3.63e-04	-0.07	0.03	2.44e-04	0.0	-1.55e-04
927	2	6.07e-03	-0.04	-0.09	4.08e-05	0.0	-1.48e-04
927	4	5.99e-03	-0.02	-0.10	-1.57e-05	0.0	-1.12e-04
927	6	-0.05	-0.02	-0.06	-1.65e-05	0.0	-6.10e-05
927	7	0.06	-0.06	-0.02	1.50e-04	0.0	-2.09e-04
927	9	-0.01	-0.15	-0.03	5.41e-04	0.0	-3.29e-04
927	14	-7.21e-03	-0.03	-0.04	6.46e-05	0.0	-1.05e-04
927	15	0.01	-0.04	-0.04	9.43e-05	0.0	-1.26e-04
927	17	1.68e-04	-0.05	-0.04	1.31e-04	0.0	-1.37e-04
927	21	2.79e-04	-0.05	0.02	1.88e-04	0.0	-1.19e-04
927	22	3.70e-03	-0.04	-0.05	6.58e-05	0.0	-1.15e-04
927	23	2.79e-04	-0.05	0.02	1.88e-04	0.0	-1.19e-04
927	24	3.32e-03	-0.04	-0.04	7.94e-05	0.0	-1.15e-04
928	1	2.14e-04	-0.08	0.03	2.13e-04	0.0	-1.82e-04
928	2	6.94e-03	-0.04	-0.09	1.87e-05	0.0	-1.66e-04
928	4	6.89e-03	-0.02	-0.10	-3.06e-05	0.0	-1.24e-04
928	6	-0.05	-0.02	-0.06	-3.69e-05	0.0	-7.00e-05
928	8	0.06	-8.78e-03	-0.03	-5.77e-05	0.0	-1.35e-04
928	9	-0.01	-0.17	-0.03	5.07e-04	0.0	-3.81e-04
928	14	-7.66e-03	-0.04	-0.04	4.54e-05	0.0	-1.21e-04
928	16	0.02	-0.04	-0.04	4.45e-05	0.0	-1.28e-04
928	17	3.23e-04	-0.05	-0.04	1.11e-04	0.0	-1.57e-04
928	21	1.65e-04	-0.06	0.02	1.64e-04	0.0	-1.40e-04
928	22	4.20e-03	-0.04	-0.05	4.73e-05	0.0	-1.31e-04
928	23	1.65e-04	-0.06	0.02	1.64e-04	0.0	-1.40e-04
928	24	3.75e-03	-0.04	-0.04	6.03e-05	0.0	-1.32e-04
929	1	4.17e-05	-0.08	0.03	1.92e-04	0.0	-2.07e-04
929	2	7.83e-03	-0.04	-0.09	4.58e-06	0.0	-1.83e-04
929	4	7.82e-03	-0.02	-0.10	-3.97e-05	0.0	-1.35e-04
929	6	-0.06	-0.02	-0.06	-4.99e-05	0.0	-7.78e-05
929	8	0.07	-6.21e-03	-0.03	-6.76e-05	0.0	-1.46e-04
929	9	-0.01	-0.19	-0.03	4.83e-04	0.0	-4.30e-04
929	14	-8.09e-03	-0.04	-0.04	3.29e-05	0.0	-1.34e-04
929	16	0.02	-0.04	-0.04	3.24e-05	0.0	-1.41e-04
929	17	4.90e-04	-0.06	-0.04	9.81e-05	0.0	-1.75e-04
929	21	3.20e-05	-0.07	0.02	1.48e-04	0.0	-1.59e-04
929	22	4.70e-03	-0.04	-0.05	3.53e-05	0.0	-1.45e-04
929	23	3.20e-05	-0.07	0.02	1.48e-04	0.0	-1.59e-04
929	24	4.18e-03	-0.04	-0.04	4.78e-05	0.0	-1.46e-04
930	1	-1.73e-04	-0.09	0.03	1.84e-04	0.0	-2.30e-04
930	4	8.81e-03	-0.02	-0.10	-4.30e-05	0.0	-1.46e-04
930	6	-0.06	-0.01	-0.06	-5.50e-05	0.0	-8.51e-05
930	8	0.07	-3.39e-03	-0.03	-7.11e-05	0.0	-1.56e-04
930	9	-0.02	-0.21	-0.03	4.74e-04	0.0	-4.79e-04
930	14	-8.49e-03	-0.04	-0.04	2.80e-05	0.0	-1.47e-04
930	16	0.02	-0.04	-0.04	2.78e-05	0.0	-1.54e-04
930	17	6.77e-04	-0.06	-0.04	9.30e-05	0.0	-1.93e-04
930	21	-1.33e-04	-0.07	0.02	1.41e-04	0.0	-1.77e-04
930	22	5.23e-03	-0.04	-0.05	3.07e-05	0.0	-1.59e-04
930	23	-1.33e-04	-0.07	0.02	1.41e-04	0.0	-1.77e-04
930	24	4.64e-03	-0.04	-0.04	4.29e-05	0.0	-1.61e-04
931	1	-4.51e-04	-0.10	0.03	1.87e-04	0.0	-2.41e-04
931	4	9.89e-03	-0.02	-0.10	-4.11e-05	0.0	-1.51e-04
931	6	-0.06	-0.01	-0.06	-5.34e-05	0.0	-8.85e-05
931	8	0.08	-5.33e-04	-0.03	-7.04e-05	0.0	-1.61e-04
931	9	-0.02	-0.23	-0.03	4.83e-04	0.0	-5.03e-04
931	14	-8.85e-03	-0.04	-0.04	3.00e-05	0.0	-1.54e-04
931	16	0.02	-0.04	-0.04	2.97e-05	0.0	-1.60e-04
931	17	8.91e-04	-0.07	-0.04	9.59e-05	0.0	-2.02e-04
931	21	-3.47e-04	-0.08	0.02	1.44e-04	0.0	-1.86e-04
931	22	5.79e-03	-0.04	-0.05	3.28e-05	0.0	-1.65e-04
931	23	-3.47e-04	-0.08	0.02	1.44e-04	0.0	-1.86e-04
931	24	5.11e-03	-0.05	-0.04	4.51e-05	0.0	-1.67e-04
932	2	2.02e-03	-0.02	-0.09	2.16e-04	0.0	-1.51e-05
932	4	1.80e-03	-0.01	-0.10	1.68e-04	0.0	-1.25e-05
932	6	-0.03	-9.90e-03	-0.05	9.26e-05	0.0	1.48e-05
932	7	0.03	-0.01	-0.03	2.73e-04	0.0	-4.07e-05
932	9	-7.72e-03	-0.03	-0.03	5.86e-04	0.0	-2.74e-05
932	15	7.34e-03	-0.01	-0.04	1.78e-04	0.0	-1.57e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
932	17	-4.81e-04	-0.01	-0.04	2.05e-04	0.0	-1.17e-05
932	18	-5.39e-04	-9.32e-03	-0.04	1.21e-04	0.0	-7.21e-06
932	22	1.37e-03	-0.01	-0.05	1.64e-04	0.0	-1.10e-05
932	24	1.30e-03	-0.01	-0.04	1.64e-04	0.0	-1.08e-05
933	2	2.81e-03	-0.02	-0.09	1.94e-04	0.0	-3.50e-05
933	4	2.64e-03	-0.02	-0.10	1.23e-04	0.0	-2.95e-05
933	6	-0.03	-0.01	-0.05	9.44e-05	0.0	2.12e-06
933	7	0.04	-0.02	-0.03	2.82e-04	0.0	-6.00e-05
933	9	-8.74e-03	-0.06	-0.03	6.54e-04	0.0	-6.52e-05
933	15	8.62e-03	-0.02	-0.04	1.92e-04	0.0	-2.92e-05
933	17	-3.90e-04	-0.02	-0.04	2.25e-04	0.0	-2.77e-05
933	18	-4.37e-04	-0.01	-0.04	1.28e-04	0.0	-1.85e-05
933	22	1.81e-03	-0.02	-0.05	1.69e-04	0.0	-2.50e-05
933	24	1.67e-03	-0.02	-0.04	1.77e-04	0.0	-2.42e-05
934	1	5.67e-04	-0.03	0.03	3.45e-04	0.0	-4.19e-05
934	2	3.57e-03	-0.03	-0.09	1.62e-04	0.0	-5.43e-05
934	4	3.44e-03	-0.02	-0.10	8.23e-05	0.0	-4.46e-05
934	6	-0.04	-0.02	-0.05	7.68e-05	0.0	-8.51e-06
934	7	0.04	-0.04	-0.03	2.67e-04	0.0	-8.41e-05
934	9	-9.76e-03	-0.08	-0.03	6.72e-04	0.0	-1.05e-04
934	15	9.89e-03	-0.03	-0.04	1.83e-04	0.0	-4.45e-05
934	17	-2.99e-04	-0.03	-0.04	2.20e-04	0.0	-4.49e-05
934	18	-3.35e-04	-0.02	-0.04	1.15e-04	0.0	-3.07e-05
934	21	4.36e-04	-0.03	0.03	2.65e-04	0.0	-3.23e-05
934	22	2.24e-03	-0.02	-0.05	1.55e-04	0.0	-3.97e-05
934	23	4.36e-04	-0.03	0.03	2.65e-04	0.0	-3.23e-05
934	24	2.04e-03	-0.03	-0.04	1.68e-04	0.0	-3.88e-05
935	1	4.40e-04	-0.05	0.03	3.37e-04	0.0	-6.33e-05
935	2	4.31e-03	-0.04	-0.09	1.25e-04	0.0	-7.27e-05
935	4	4.21e-03	-0.03	-0.10	4.77e-05	0.0	-5.81e-05
935	6	-0.04	-0.02	-0.05	4.93e-05	0.0	-1.76e-05
935	7	0.05	-0.05	-0.03	2.40e-04	0.0	-1.10e-04
935	9	-0.01	-0.11	-0.03	6.59e-04	0.0	-1.45e-04
935	15	0.01	-0.03	-0.04	1.62e-04	0.0	-6.02e-05
935	17	-2.10e-04	-0.04	-0.04	2.01e-04	0.0	-6.24e-05
935	18	-2.35e-04	-0.02	-0.04	9.20e-05	0.0	-4.29e-05
935	21	3.39e-04	-0.04	0.03	2.59e-04	0.0	-4.87e-05
935	22	2.66e-03	-0.03	-0.05	1.32e-04	0.0	-5.44e-05
935	23	3.39e-04	-0.04	0.03	2.59e-04	0.0	-4.87e-05
935	24	2.40e-03	-0.03	-0.04	1.46e-04	0.0	-5.37e-05
936	1	3.34e-04	-0.06	0.03	3.07e-04	0.0	-8.52e-05
936	2	5.03e-03	-0.04	-0.09	8.99e-05	0.0	-8.97e-05
936	4	4.95e-03	-0.03	-0.10	1.90e-05	0.0	-7.00e-05
936	6	-0.05	-0.02	-0.05	1.92e-05	0.0	-2.51e-05
936	7	0.05	-0.06	-0.03	2.08e-04	0.0	-1.35e-04
936	9	-0.01	-0.14	-0.03	6.27e-04	0.0	-1.85e-04
936	15	0.01	-0.04	-0.04	1.36e-04	0.0	-7.54e-05
936	17	-1.22e-04	-0.05	-0.04	1.76e-04	0.0	-7.92e-05
936	18	-1.38e-04	-0.03	-0.05	6.52e-05	0.0	-5.44e-05
936	21	2.57e-04	-0.05	0.03	2.36e-04	0.0	-6.55e-05
936	22	3.08e-03	-0.04	-0.05	1.06e-04	0.0	-6.82e-05
936	23	2.57e-04	-0.05	0.03	2.36e-04	0.0	-6.55e-05
936	24	2.76e-03	-0.04	-0.04	1.20e-04	0.0	-6.79e-05
937	1	2.36e-04	-0.07	0.03	2.70e-04	0.0	-1.06e-04
937	2	5.75e-03	-0.04	-0.09	5.88e-05	0.0	-1.05e-04
937	4	5.69e-03	-0.03	-0.10	-3.57e-06	0.0	-8.04e-05
937	6	-0.05	-0.02	-0.05	-8.36e-06	0.0	-3.12e-05
937	7	0.06	-0.06	-0.03	1.78e-04	0.0	-1.59e-04
937	9	-0.01	-0.16	-0.03	5.89e-04	0.0	-2.23e-04
937	15	0.01	-0.04	-0.04	1.11e-04	0.0	-8.95e-05
937	17	-3.38e-05	-0.05	-0.04	1.51e-04	0.0	-9.49e-05
937	18	-3.95e-05	-0.03	-0.05	4.01e-05	0.0	-6.47e-05
937	21	1.81e-04	-0.06	0.02	2.08e-04	0.0	-8.16e-05
937	22	3.49e-03	-0.04	-0.05	8.11e-05	0.0	-8.09e-05
937	23	1.81e-04	-0.06	0.02	2.08e-04	0.0	-8.16e-05
937	24	3.12e-03	-0.04	-0.04	9.52e-05	0.0	-8.10e-05
938	1	1.33e-04	-0.08	0.03	2.37e-04	0.0	-1.25e-04
938	2	6.47e-03	-0.05	-0.09	3.47e-05	0.0	-1.18e-04
938	4	6.44e-03	-0.03	-0.10	-2.00e-05	0.0	-8.95e-05
938	6	-0.05	-0.02	-0.05	-3.01e-05	0.0	-3.63e-05
938	8	0.06	-0.01	-0.04	-4.57e-05	0.0	-1.11e-04
938	9	-0.01	-0.18	-0.03	5.53e-04	0.0	-2.58e-04
938	16	0.01	-0.04	-0.04	5.76e-05	0.0	-9.15e-05
938	17	5.85e-05	-0.06	-0.04	1.29e-04	0.0	-1.09e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
938	18	6.31e-05	-0.03	-0.05	2.00e-05	0.0	-7.38e-05
938	21	1.02e-04	-0.06	0.02	1.82e-04	0.0	-9.64e-05
938	22	3.90e-03	-0.04	-0.05	6.09e-05	0.0	-9.22e-05
938	23	1.02e-04	-0.06	0.02	1.82e-04	0.0	-9.64e-05
938	24	3.48e-03	-0.04	-0.04	7.43e-05	0.0	-9.27e-05
939	1	1.34e-05	-0.09	0.03	2.13e-04	0.0	-1.43e-04
939	2	7.21e-03	-0.05	-0.09	1.92e-05	0.0	-1.30e-04
939	4	7.21e-03	-0.03	-0.10	-3.00e-05	0.0	-9.76e-05
939	6	-0.06	-0.02	-0.05	-4.40e-05	0.0	-4.05e-05
939	8	0.07	-0.01	-0.04	-5.74e-05	0.0	-1.21e-04
939	9	-0.01	-0.20	-0.03	5.26e-04	0.0	-2.92e-04
939	16	0.02	-0.04	-0.04	4.42e-05	0.0	-1.01e-04
939	17	1.59e-04	-0.06	-0.04	1.14e-04	0.0	-1.22e-04
939	18	1.75e-04	-0.03	-0.04	7.03e-06	0.0	-8.18e-05
939	21	1.03e-05	-0.07	0.02	1.64e-04	0.0	-1.10e-04
939	22	4.33e-03	-0.04	-0.05	4.76e-05	0.0	-1.02e-04
939	23	1.03e-05	-0.07	0.02	1.64e-04	0.0	-1.10e-04
939	24	3.85e-03	-0.05	-0.04	6.05e-05	0.0	-1.03e-04
940	1	-1.35e-04	-0.10	0.03	2.04e-04	0.0	-1.59e-04
940	4	8.01e-03	-0.03	-0.10	-3.35e-05	0.0	-1.06e-04
940	6	-0.06	-0.02	-0.05	-4.93e-05	0.0	-4.46e-05
940	8	0.07	-9.57e-03	-0.04	-6.17e-05	0.0	-1.31e-04
940	9	-0.02	-0.22	-0.03	5.17e-04	0.0	-3.26e-04
940	16	0.02	-0.04	-0.04	3.90e-05	0.0	-1.11e-04
940	17	2.73e-04	-0.07	-0.04	1.09e-04	0.0	-1.35e-04
940	18	3.01e-04	-0.03	-0.04	1.96e-06	0.0	-8.94e-05
940	21	-1.04e-04	-0.08	0.02	1.57e-04	0.0	-1.23e-04
940	22	4.76e-03	-0.05	-0.05	4.25e-05	0.0	-1.12e-04
940	23	-1.04e-04	-0.08	0.02	1.57e-04	0.0	-1.23e-04
940	24	4.22e-03	-0.05	-0.04	5.52e-05	0.0	-1.14e-04
941	1	-3.29e-04	-0.11	0.03	2.07e-04	0.0	-1.67e-04
941	4	8.87e-03	-0.02	-0.10	-3.10e-05	0.0	-1.09e-04
941	6	-0.07	-0.02	-0.05	-4.74e-05	0.0	-4.65e-05
941	8	0.08	-7.10e-03	-0.04	-6.02e-05	0.0	-1.35e-04
941	9	-0.02	-0.25	-0.03	5.26e-04	0.0	-3.42e-04
941	16	0.02	-0.05	-0.04	4.13e-05	0.0	-1.15e-04
941	17	4.05e-04	-0.07	-0.04	1.12e-04	0.0	-1.41e-04
941	18	4.46e-04	-0.03	-0.04	3.78e-06	0.0	-9.30e-05
941	21	-2.53e-04	-0.08	0.02	1.59e-04	0.0	-1.29e-04
941	22	5.22e-03	-0.05	-0.05	4.51e-05	0.0	-1.17e-04
941	23	-2.53e-04	-0.08	0.02	1.59e-04	0.0	-1.29e-04
941	24	4.61e-03	-0.05	-0.04	5.78e-05	0.0	-1.18e-04
942	2	2.49e-03	-0.02	-0.09	2.31e-04	0.0	-8.93e-06
942	4	2.38e-03	-0.01	-0.10	1.82e-04	0.0	-7.62e-06
942	7	0.03	-0.01	-0.03	2.85e-04	0.0	-3.23e-05
942	9	-7.72e-03	-0.03	-0.03	6.14e-04	0.0	-1.12e-05
942	10	-7.93e-03	-5.68e-03	-0.05	2.96e-05	0.0	4.29e-06
942	15	7.47e-03	-0.01	-0.04	1.87e-04	0.0	-1.06e-05
942	17	-3.52e-04	-0.01	-0.04	2.17e-04	0.0	-5.99e-06
942	18	-3.81e-04	-9.54e-03	-0.04	1.29e-04	0.0	-3.70e-06
942	22	1.58e-03	-0.01	-0.05	1.74e-04	0.0	-6.31e-06
942	24	1.44e-03	-0.01	-0.04	1.73e-04	0.0	-6.10e-06
943	2	3.10e-03	-0.03	-0.09	2.10e-04	0.0	-1.92e-05
943	4	3.02e-03	-0.02	-0.10	1.36e-04	0.0	-1.65e-05
943	7	0.04	-0.03	-0.03	3.00e-04	0.0	-4.17e-05
943	9	-8.80e-03	-0.06	-0.03	6.85e-04	0.0	-3.05e-05
943	10	-8.96e-03	-6.92e-03	-0.05	2.19e-05	0.0	0.0
943	15	8.68e-03	-0.02	-0.04	2.03e-04	0.0	-1.72e-05
943	17	-3.29e-04	-0.02	-0.04	2.38e-04	0.0	-1.42e-05
943	18	-3.53e-04	-0.02	-0.05	1.38e-04	0.0	-9.58e-06
943	22	1.92e-03	-0.02	-0.05	1.81e-04	0.0	-1.35e-05
943	24	1.74e-03	-0.02	-0.04	1.88e-04	0.0	-1.30e-05
944	1	2.85e-04	-0.04	0.03	3.61e-04	0.0	-2.10e-05
944	2	3.70e-03	-0.03	-0.09	1.77e-04	0.0	-2.94e-05
944	4	3.63e-03	-0.03	-0.10	9.41e-05	0.0	-2.45e-05
944	7	0.04	-0.04	-0.03	2.89e-04	0.0	-5.54e-05
944	9	-9.86e-03	-0.09	-0.03	7.05e-04	0.0	-5.05e-05
944	10	-9.99e-03	-7.45e-03	-0.05	-1.40e-06	0.0	-2.46e-06
944	15	9.88e-03	-0.03	-0.04	1.96e-04	0.0	-2.52e-05
944	17	-3.06e-04	-0.03	-0.04	2.34e-04	0.0	-2.32e-05
944	18	-3.24e-04	-0.02	-0.05	1.25e-04	0.0	-1.60e-05
944	21	2.20e-04	-0.03	0.03	2.78e-04	0.0	-1.62e-05
944	22	2.27e-03	-0.03	-0.05	1.68e-04	0.0	-2.12e-05
944	23	2.20e-04	-0.03	0.03	2.78e-04	0.0	-1.62e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
944	24	2.04e-03	-0.03	-0.04	1.80e-04	0.0	-2.06e-05
945	1	2.21e-04	-0.05	0.03	3.55e-04	0.0	-3.18e-05
945	2	4.28e-03	-0.04	-0.09	1.40e-04	0.0	-3.93e-05
945	4	4.23e-03	-0.03	-0.10	5.82e-05	0.0	-3.20e-05
945	7	0.05	-0.05	-0.03	2.62e-04	0.0	-7.09e-05
945	9	-0.01	-0.11	-0.03	6.91e-04	0.0	-7.06e-05
945	10	-0.01	-6.85e-03	-0.05	-3.15e-05	0.0	-5.09e-06
945	15	0.01	-0.04	-0.04	1.75e-04	0.0	-3.36e-05
945	17	-2.83e-04	-0.04	-0.04	2.15e-04	0.0	-3.23e-05
945	18	-2.95e-04	-0.03	-0.05	1.02e-04	0.0	-2.25e-05
945	21	1.70e-04	-0.04	0.03	2.73e-04	0.0	-2.45e-05
945	22	2.60e-03	-0.03	-0.05	1.44e-04	0.0	-2.90e-05
945	23	1.70e-04	-0.04	0.03	2.73e-04	0.0	-2.45e-05
945	24	2.33e-03	-0.03	-0.04	1.58e-04	0.0	-2.85e-05
946	1	1.66e-04	-0.06	0.03	3.25e-04	0.0	-4.30e-05
946	2	4.85e-03	-0.04	-0.09	1.03e-04	0.0	-4.86e-05
946	4	4.82e-03	-0.03	-0.10	2.82e-05	0.0	-3.86e-05
946	7	0.05	-0.06	-0.03	2.30e-04	0.0	-8.68e-05
946	9	-0.01	-0.14	-0.03	6.58e-04	0.0	-9.03e-05
946	10	-0.01	-4.99e-03	-0.05	-6.19e-05	0.0	-7.12e-06
946	15	0.01	-0.04	-0.04	1.49e-04	0.0	-4.19e-05
946	17	-2.59e-04	-0.05	-0.04	1.89e-04	0.0	-4.12e-05
946	18	-2.67e-04	-0.03	-0.05	7.42e-05	0.0	-2.86e-05
946	21	1.28e-04	-0.05	0.03	2.50e-04	0.0	-3.31e-05
946	22	2.94e-03	-0.04	-0.05	1.17e-04	0.0	-3.64e-05
946	23	1.28e-04	-0.05	0.03	2.50e-04	0.0	-3.31e-05
946	24	2.63e-03	-0.04	-0.04	1.32e-04	0.0	-3.61e-05
947	1	1.16e-04	-0.08	0.03	2.87e-04	0.0	-5.38e-05
947	2	5.43e-03	-0.05	-0.09	7.06e-05	0.0	-5.70e-05
947	4	5.40e-03	-0.03	-0.10	4.48e-06	0.0	-4.45e-05
947	7	0.06	-0.07	-0.03	1.97e-04	0.0	-1.02e-04
947	9	-0.01	-0.17	-0.03	6.18e-04	0.0	-1.09e-04
947	10	-0.01	-1.95e-03	-0.05	-8.82e-05	0.0	-8.55e-06
947	15	0.01	-0.05	-0.04	1.22e-04	0.0	-4.96e-05
947	17	-2.35e-04	-0.06	-0.04	1.63e-04	0.0	-4.94e-05
947	18	-2.38e-04	-0.03	-0.05	4.81e-05	0.0	-3.42e-05
947	21	8.92e-05	-0.06	0.03	2.20e-04	0.0	-4.14e-05
947	22	3.27e-03	-0.04	-0.05	9.09e-05	0.0	-4.33e-05
947	23	8.92e-05	-0.06	0.03	2.20e-04	0.0	-4.14e-05
947	24	2.92e-03	-0.04	-0.04	1.05e-04	0.0	-4.31e-05
948	1	6.33e-05	-0.09	0.03	2.51e-04	0.0	-6.37e-05
948	2	6.00e-03	-0.05	-0.09	4.52e-05	0.0	-6.45e-05
948	4	5.98e-03	-0.03	-0.10	-1.28e-05	0.0	-4.98e-05
948	8	0.06	-0.02	-0.04	-3.57e-05	0.0	-8.05e-05
948	9	-0.01	-0.19	-0.03	5.80e-04	0.0	-1.27e-04
948	10	-0.01	2.02e-03	-0.05	-1.08e-04	0.0	-9.48e-06
948	16	0.01	-0.04	-0.04	6.62e-05	0.0	-5.12e-05
948	17	-2.08e-04	-0.06	-0.04	1.40e-04	0.0	-5.70e-05
948	18	-2.06e-04	-0.03	-0.05	2.70e-05	0.0	-3.91e-05
948	21	4.87e-05	-0.07	0.03	1.93e-04	0.0	-4.90e-05
948	22	3.61e-03	-0.05	-0.05	6.97e-05	0.0	-4.94e-05
948	23	4.87e-05	-0.07	0.03	1.93e-04	0.0	-4.90e-05
948	24	3.21e-03	-0.05	-0.04	8.34e-05	0.0	-4.94e-05
949	1	2.33e-06	-0.10	0.03	2.27e-04	0.0	-7.27e-05
949	2	6.57e-03	-0.05	-0.09	2.87e-05	0.0	-7.12e-05
949	4	6.57e-03	-0.03	-0.10	-2.35e-05	0.0	-5.44e-05
949	8	0.07	-0.02	-0.04	-4.89e-05	0.0	-8.80e-05
949	9	-0.02	-0.21	-0.03	5.52e-04	0.0	-1.44e-04
949	10	-0.01	6.64e-03	-0.05	-1.20e-04	0.0	-1.00e-05
949	16	0.02	-0.05	-0.04	5.19e-05	0.0	-5.67e-05
949	17	-1.77e-04	-0.07	-0.04	1.24e-04	0.0	-6.40e-05
949	18	-1.69e-04	-0.03	-0.05	1.32e-05	0.0	-4.35e-05
949	21	1.80e-06	-0.07	0.02	1.74e-04	0.0	-5.59e-05
949	22	3.94e-03	-0.05	-0.05	5.56e-05	0.0	-5.50e-05
949	23	1.80e-06	-0.07	0.02	1.74e-04	0.0	-5.59e-05
949	24	3.51e-03	-0.05	-0.04	6.88e-05	0.0	-5.51e-05
950	1	-7.38e-05	-0.11	0.03	2.16e-04	0.0	-8.13e-05
950	4	7.18e-03	-0.03	-0.10	-2.72e-05	0.0	-5.90e-05
950	8	0.07	-0.01	-0.04	-5.37e-05	0.0	-9.50e-05
950	9	-0.02	-0.24	-0.03	5.42e-04	0.0	-1.61e-04
950	10	-0.02	0.01	-0.05	-1.25e-04	0.0	-1.04e-05
950	16	0.02	-0.05	-0.04	4.64e-05	0.0	-6.20e-05
950	17	-1.38e-04	-0.07	-0.04	1.18e-04	0.0	-7.08e-05
950	18	-1.24e-04	-0.03	-0.05	7.88e-06	0.0	-4.77e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
950	21	-5.68e-05	-0.08	0.02	1.66e-04	0.0	-6.26e-05
950	22	4.29e-03	-0.05	-0.05	5.02e-05	0.0	-6.04e-05
950	23	-5.68e-05	-0.08	0.02	1.66e-04	0.0	-6.26e-05
950	24	3.80e-03	-0.05	-0.04	6.31e-05	0.0	-6.07e-05
951	1	-1.73e-04	-0.11	0.03	2.20e-04	0.0	-8.54e-05
951	4	7.81e-03	-0.03	-0.10	-2.44e-05	0.0	-6.12e-05
951	8	0.07	-0.01	-0.04	-5.18e-05	0.0	-9.82e-05
951	9	-0.02	-0.26	-0.03	5.53e-04	0.0	-1.69e-04
951	10	-0.02	0.02	-0.05	-1.24e-04	0.0	-1.05e-05
951	16	0.02	-0.05	-0.04	4.90e-05	0.0	-6.45e-05
951	17	-9.13e-05	-0.08	-0.04	1.22e-04	0.0	-7.40e-05
951	18	-7.03e-05	-0.03	-0.05	9.91e-06	0.0	-4.96e-05
951	21	-1.33e-04	-0.09	0.02	1.69e-04	0.0	-6.57e-05
951	22	4.63e-03	-0.05	-0.05	5.30e-05	0.0	-6.30e-05
951	23	-1.33e-04	-0.09	0.02	1.69e-04	0.0	-6.57e-05
951	24	4.10e-03	-0.06	-0.04	6.59e-05	0.0	-6.33e-05
952	2	2.97e-03	-0.02	-0.09	2.36e-04	0.0	-2.50e-06
952	4	2.97e-03	-0.01	-0.10	1.86e-04	0.0	-2.50e-06
952	8	0.03	-8.47e-03	-0.05	1.09e-04	0.0	-2.39e-05
952	9	-7.74e-03	-0.03	-0.03	6.24e-04	0.0	5.45e-06
952	12	0.01	-5.48e-03	-0.05	3.19e-05	0.0	-8.12e-06
952	16	7.61e-03	-0.01	-0.04	1.63e-04	0.0	-5.47e-06
952	19	3.39e-03	-0.01	-0.04	2.21e-04	0.0	-2.57e-06
952	20	3.39e-03	-9.62e-03	-0.04	1.32e-04	0.0	-2.57e-06
952	22	1.78e-03	-0.01	-0.05	1.78e-04	0.0	-1.50e-06
952	24	1.59e-03	-0.01	-0.04	1.76e-04	0.0	-1.33e-06
953	2	3.40e-03	-0.03	-0.09	2.16e-04	0.0	-2.78e-06
953	4	3.40e-03	-0.02	-0.10	1.40e-04	0.0	-2.78e-06
953	8	0.04	-0.01	-0.05	1.06e-04	0.0	-2.30e-05
953	9	-8.85e-03	-0.06	-0.03	6.95e-04	0.0	4.96e-06
953	12	0.01	-6.80e-03	-0.05	2.37e-05	0.0	-7.93e-06
953	16	8.75e-03	-0.02	-0.04	1.77e-04	0.0	-5.02e-06
953	17	-2.66e-04	-0.02	-0.04	2.43e-04	0.0	0.0
953	20	3.90e-03	-0.02	-0.05	1.41e-04	0.0	-2.54e-06
953	22	2.04e-03	-0.02	-0.05	1.85e-04	0.0	-1.67e-06
953	24	1.81e-03	-0.02	-0.04	1.92e-04	0.0	-1.48e-06
954	1	0.0	-0.04	0.03	3.67e-04	0.0	0.0
954	4	3.83e-03	-0.03	-0.10	9.87e-05	0.0	-3.51e-06
954	8	0.04	-0.02	-0.05	8.43e-05	0.0	-2.56e-05
954	9	-9.96e-03	-0.09	-0.03	7.15e-04	0.0	5.23e-06
954	12	0.01	-7.40e-03	-0.05	0.0	0.0	-8.97e-06
954	16	9.89e-03	-0.03	-0.04	1.68e-04	0.0	-5.33e-06
954	17	-3.10e-04	-0.03	-0.04	2.39e-04	0.0	0.0
954	20	4.40e-03	-0.02	-0.05	1.29e-04	0.0	-2.91e-06
954	21	0.0	-0.03	0.03	2.82e-04	0.0	0.0
954	22	2.30e-03	-0.03	-0.05	1.72e-04	0.0	-2.10e-06
954	23	0.0	-0.03	0.03	2.82e-04	0.0	0.0
954	24	2.04e-03	-0.03	-0.04	1.84e-04	0.0	-1.87e-06
955	1	0.0	-0.05	0.03	3.61e-04	0.0	0.0
955	4	4.26e-03	-0.03	-0.10	6.25e-05	0.0	-4.46e-06
955	8	0.05	-0.02	-0.05	5.39e-05	0.0	-2.99e-05
955	9	-0.01	-0.12	-0.03	7.01e-04	0.0	5.89e-06
955	12	0.02	-6.84e-03	-0.05	-3.07e-05	0.0	-1.07e-05
955	16	0.01	-0.03	-0.04	1.46e-04	0.0	-6.03e-06
955	17	-3.53e-04	-0.04	-0.04	2.20e-04	0.0	-1.29e-06
955	20	4.89e-03	-0.03	-0.05	1.05e-04	0.0	-3.48e-06
955	21	0.0	-0.04	0.03	2.78e-04	0.0	0.0
955	22	2.55e-03	-0.03	-0.05	1.49e-04	0.0	-2.68e-06
955	23	0.0	-0.04	0.03	2.78e-04	0.0	0.0
955	24	2.27e-03	-0.03	-0.04	1.63e-04	0.0	-2.38e-06
956	1	0.0	-0.07	0.03	3.31e-04	0.0	0.0
956	4	4.68e-03	-0.03	-0.10	3.21e-05	0.0	-5.52e-06
956	8	0.05	-0.02	-0.05	2.19e-05	0.0	-3.51e-05
956	9	-0.01	-0.14	-0.03	6.68e-04	0.0	6.71e-06
956	12	0.02	-5.00e-03	-0.05	-6.14e-05	0.0	-1.26e-05
956	16	0.01	-0.04	-0.04	1.18e-04	0.0	-6.91e-06
956	17	-3.95e-04	-0.05	-0.04	1.94e-04	0.0	-1.75e-06
956	20	5.39e-03	-0.03	-0.05	7.76e-05	0.0	-4.13e-06
956	21	0.0	-0.05	0.03	2.54e-04	0.0	0.0
956	22	2.81e-03	-0.04	-0.05	1.21e-04	0.0	-3.31e-06
956	23	0.0	-0.05	0.03	2.54e-04	0.0	0.0
956	24	2.50e-03	-0.04	-0.04	1.36e-04	0.0	-2.94e-06
957	1	0.0	-0.08	0.03	2.92e-04	0.0	0.0
957	4	5.10e-03	-0.03	-0.10	7.96e-06	0.0	-6.57e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
957	8	0.06	-0.02	-0.05	-6.77e-06	0.0	-4.03e-05
957	9	-0.01	-0.17	-0.03	6.27e-04	0.0	7.55e-06
957	12	0.02	-1.98e-03	-0.05	-8.80e-05	0.0	-1.46e-05
957	16	0.01	-0.04	-0.04	9.17e-05	0.0	-7.80e-06
957	17	-4.35e-04	-0.06	-0.04	1.67e-04	0.0	-2.21e-06
957	20	5.88e-03	-0.03	-0.05	5.11e-05	0.0	-4.79e-06
957	21	0.0	-0.06	0.03	2.25e-04	0.0	0.0
957	22	3.06e-03	-0.04	-0.05	9.47e-05	0.0	-3.94e-06
957	23	0.0	-0.06	0.03	2.25e-04	0.0	0.0
957	24	2.72e-03	-0.04	-0.04	1.09e-04	0.0	-3.50e-06
958	1	0.0	-0.09	0.03	2.56e-04	0.0	0.0
958	4	5.52e-03	-0.03	-0.10	-9.74e-06	0.0	-7.55e-06
958	8	0.06	-0.02	-0.05	-2.90e-05	0.0	-4.52e-05
958	9	-0.01	-0.19	-0.03	5.89e-04	0.0	8.31e-06
958	12	0.02	1.99e-03	-0.05	-1.08e-04	0.0	-1.64e-05
958	16	0.01	-0.04	-0.04	6.97e-05	0.0	-8.61e-06
958	17	-4.75e-04	-0.06	-0.04	1.44e-04	0.0	-2.65e-06
958	20	6.36e-03	-0.03	-0.05	2.97e-05	0.0	-5.40e-06
958	21	0.0	-0.07	0.03	1.97e-04	0.0	0.0
958	22	3.31e-03	-0.05	-0.05	7.31e-05	0.0	-4.53e-06
958	23	0.0	-0.07	0.03	1.97e-04	0.0	0.0
958	24	2.94e-03	-0.05	-0.04	8.69e-05	0.0	-4.03e-06
959	1	0.0	-0.10	0.03	2.31e-04	0.0	0.0
959	4	5.93e-03	-0.03	-0.10	-2.07e-05	0.0	-8.46e-06
959	8	0.07	-0.02	-0.05	-4.30e-05	0.0	-4.94e-05
959	9	-0.02	-0.22	-0.03	5.61e-04	0.0	8.96e-06
959	12	0.02	6.61e-03	-0.05	-1.20e-04	0.0	-1.80e-05
959	16	0.02	-0.05	-0.04	5.51e-05	0.0	-9.31e-06
959	17	-5.14e-04	-0.07	-0.04	1.28e-04	0.0	-3.07e-06
959	20	6.84e-03	-0.03	-0.05	1.57e-05	0.0	-5.95e-06
959	21	0.0	-0.08	0.03	1.78e-04	0.0	0.0
959	22	3.56e-03	-0.05	-0.05	5.87e-05	0.0	-5.08e-06
959	23	0.0	-0.08	0.03	1.78e-04	0.0	0.0
959	24	3.16e-03	-0.05	-0.04	7.19e-05	0.0	-4.51e-06
960	1	0.0	-0.11	0.03	2.21e-04	0.0	0.0
960	4	6.34e-03	-0.03	-0.10	-2.44e-05	0.0	-9.34e-06
960	8	0.07	-0.02	-0.05	-4.83e-05	0.0	-5.34e-05
960	9	-0.02	-0.24	-0.03	5.51e-04	0.0	9.54e-06
960	12	0.02	0.01	-0.05	-1.25e-04	0.0	-1.95e-05
960	16	0.02	-0.05	-0.04	4.94e-05	0.0	-9.95e-06
960	17	-5.53e-04	-0.07	-0.04	1.22e-04	0.0	-3.50e-06
960	20	7.31e-03	-0.04	-0.05	1.02e-05	0.0	-6.47e-06
960	21	0.0	-0.08	0.03	1.70e-04	0.0	0.0
960	22	3.80e-03	-0.05	-0.05	5.32e-05	0.0	-5.61e-06
960	23	0.0	-0.08	0.03	1.70e-04	0.0	0.0
960	24	3.38e-03	-0.05	-0.04	6.62e-05	0.0	-4.98e-06
961	1	0.0	-0.12	0.03	2.24e-04	0.0	0.0
961	4	6.74e-03	-0.03	-0.10	-2.15e-05	0.0	-9.76e-06
961	8	0.07	-0.02	-0.05	-4.62e-05	0.0	-5.52e-05
961	9	-0.02	-0.26	-0.03	5.61e-04	0.0	9.80e-06
961	12	0.02	0.02	-0.05	-1.24e-04	0.0	-2.02e-05
961	16	0.02	-0.05	-0.04	5.20e-05	0.0	-1.02e-05
961	17	-5.91e-04	-0.08	-0.04	1.26e-04	0.0	-3.69e-06
961	20	7.78e-03	-0.04	-0.05	1.23e-05	0.0	-6.71e-06
961	21	0.0	-0.09	0.02	1.73e-04	0.0	0.0
961	22	4.04e-03	-0.05	-0.05	5.61e-05	0.0	-5.85e-06
961	23	0.0	-0.09	0.02	1.73e-04	0.0	0.0
961	24	3.59e-03	-0.06	-0.04	6.90e-05	0.0	-5.20e-06
962	2	3.46e-03	-0.02	-0.09	2.31e-04	0.0	3.92e-06
962	4	3.57e-03	-0.01	-0.10	1.82e-04	0.0	2.61e-06
962	8	0.03	-9.35e-03	-0.05	1.04e-04	0.0	-2.05e-05
962	11	0.01	-0.03	-0.03	6.14e-04	0.0	8.49e-06
962	12	0.01	-5.78e-03	-0.05	2.96e-05	0.0	-6.96e-06
962	16	7.76e-03	-0.01	-0.04	1.59e-04	0.0	-1.09e-06
962	19	3.52e-03	-0.01	-0.04	2.17e-04	0.0	3.32e-06
962	20	3.55e-03	-9.64e-03	-0.05	1.29e-04	0.0	1.03e-06
962	22	1.99e-03	-0.01	-0.05	1.74e-04	0.0	3.31e-06
962	24	1.73e-03	-0.01	-0.04	1.73e-04	0.0	3.42e-06
963	2	3.70e-03	-0.03	-0.09	2.11e-04	0.0	1.36e-05
963	4	3.79e-03	-0.02	-0.10	1.37e-04	0.0	1.09e-05
963	8	0.04	-0.01	-0.05	1.04e-04	0.0	-1.38e-05
963	11	0.01	-0.06	-0.03	6.85e-04	0.0	2.76e-05
963	12	0.01	-7.04e-03	-0.05	2.25e-05	0.0	-3.64e-06
963	16	8.83e-03	-0.02	-0.04	1.73e-04	0.0	5.75e-06

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
963	19	3.96e-03	-0.02	-0.04	2.39e-04	0.0	1.13e-05
963	20	3.98e-03	-0.02	-0.05	1.38e-04	0.0	6.62e-06
963	22	2.16e-03	-0.02	-0.05	1.81e-04	0.0	1.01e-05
963	24	1.89e-03	-0.02	-0.04	1.89e-04	0.0	1.00e-05
964	1	-2.85e-04	-0.04	0.03	3.61e-04	0.0	2.10e-05
964	4	4.03e-03	-0.03	-0.10	9.60e-05	0.0	1.76e-05
964	8	0.04	-0.02	-0.05	8.49e-05	0.0	-1.01e-05
964	11	0.01	-0.09	-0.03	7.06e-04	0.0	4.67e-05
964	12	0.01	-7.61e-03	-0.05	0.0	0.0	-1.26e-06
964	16	9.89e-03	-0.02	-0.04	1.65e-04	0.0	1.23e-05
964	19	4.39e-03	-0.03	-0.04	2.35e-04	0.0	1.95e-05
964	20	4.41e-03	-0.02	-0.05	1.26e-04	0.0	1.23e-05
964	21	-2.20e-04	-0.03	0.03	2.78e-04	0.0	1.62e-05
964	22	2.33e-03	-0.03	-0.05	1.69e-04	0.0	1.70e-05
964	23	-2.20e-04	-0.03	0.03	2.78e-04	0.0	1.62e-05
964	24	2.05e-03	-0.03	-0.04	1.81e-04	0.0	1.69e-05
965	1	-2.21e-04	-0.05	0.03	3.55e-04	0.0	3.18e-05
965	4	4.29e-03	-0.03	-0.10	6.03e-05	0.0	2.31e-05
965	8	0.05	-0.02	-0.05	5.60e-05	0.0	-8.22e-06
965	11	0.02	-0.11	-0.03	6.92e-04	0.0	6.59e-05
965	12	0.02	-7.05e-03	-0.05	-3.03e-05	0.0	0.0
965	16	0.01	-0.03	-0.04	1.43e-04	0.0	1.86e-05
965	19	4.82e-03	-0.04	-0.04	2.16e-04	0.0	2.76e-05
965	20	4.84e-03	-0.03	-0.05	1.03e-04	0.0	1.77e-05
965	21	-1.70e-04	-0.04	0.03	2.73e-04	0.0	2.45e-05
965	22	2.50e-03	-0.03	-0.05	1.45e-04	0.0	2.37e-05
965	23	-1.70e-04	-0.04	0.03	2.73e-04	0.0	2.45e-05
965	24	2.21e-03	-0.03	-0.04	1.60e-04	0.0	2.38e-05
966	1	-1.66e-04	-0.06	0.03	3.25e-04	0.0	4.30e-05
966	4	4.55e-03	-0.03	-0.10	3.05e-05	0.0	2.78e-05
966	8	0.05	-0.02	-0.05	2.47e-05	0.0	-7.57e-06
966	11	0.02	-0.14	-0.03	6.59e-04	0.0	8.45e-05
966	12	0.02	-5.24e-03	-0.05	-6.07e-05	0.0	1.32e-06
966	16	0.01	-0.04	-0.04	1.16e-04	0.0	2.44e-05
966	19	5.25e-03	-0.05	-0.04	1.91e-04	0.0	3.54e-05
966	20	5.26e-03	-0.03	-0.05	7.54e-05	0.0	2.28e-05
966	21	-1.28e-04	-0.05	0.03	2.50e-04	0.0	3.31e-05
966	22	2.68e-03	-0.04	-0.05	1.18e-04	0.0	2.99e-05
966	23	-1.28e-04	-0.05	0.03	2.50e-04	0.0	3.31e-05
966	24	2.37e-03	-0.04	-0.04	1.33e-04	0.0	3.03e-05
967	1	-1.16e-04	-0.08	0.03	2.87e-04	0.0	5.38e-05
967	4	4.81e-03	-0.03	-0.10	6.63e-06	0.0	3.16e-05
967	8	0.06	-0.02	-0.05	-3.90e-06	0.0	-7.64e-06
967	11	0.02	-0.17	-0.03	6.19e-04	0.0	1.02e-04
967	12	0.02	-2.25e-03	-0.05	-8.71e-05	0.0	1.67e-06
967	16	0.01	-0.04	-0.04	8.95e-05	0.0	2.97e-05
967	19	5.68e-03	-0.06	-0.04	1.64e-04	0.0	4.25e-05
967	20	5.68e-03	-0.03	-0.05	4.92e-05	0.0	2.73e-05
967	21	-8.92e-05	-0.06	0.03	2.20e-04	0.0	4.14e-05
967	22	2.85e-03	-0.04	-0.05	9.22e-05	0.0	3.55e-05
967	23	-8.92e-05	-0.06	0.03	2.20e-04	0.0	4.14e-05
967	24	2.52e-03	-0.04	-0.04	1.06e-04	0.0	3.62e-05
968	1	-6.33e-05	-0.09	0.03	2.51e-04	0.0	6.37e-05
968	4	5.06e-03	-0.03	-0.10	-1.09e-05	0.0	3.49e-05
968	7	0.06	-0.08	-0.04	1.80e-04	0.0	2.72e-05
968	11	0.02	-0.19	-0.03	5.81e-04	0.0	1.19e-04
968	12	0.02	1.68e-03	-0.05	-1.07e-04	0.0	1.58e-06
968	15	0.01	-0.05	-0.04	1.02e-04	0.0	3.97e-05
968	19	6.10e-03	-0.06	-0.04	1.41e-04	0.0	4.91e-05
968	20	6.10e-03	-0.03	-0.05	2.81e-05	0.0	3.12e-05
968	21	-4.87e-05	-0.07	0.03	1.93e-04	0.0	4.90e-05
968	22	3.02e-03	-0.05	-0.05	7.08e-05	0.0	4.06e-05
968	23	-4.87e-05	-0.07	0.03	1.93e-04	0.0	4.90e-05
968	24	2.68e-03	-0.05	-0.04	8.45e-05	0.0	4.15e-05
969	1	-2.33e-06	-0.10	0.03	2.27e-04	0.0	7.27e-05
969	4	5.30e-03	-0.03	-0.10	-2.17e-05	0.0	3.79e-05
969	7	0.06	-0.09	-0.04	1.61e-04	0.0	3.16e-05
969	11	0.02	-0.21	-0.03	5.53e-04	0.0	1.35e-04
969	12	0.02	6.25e-03	-0.05	-1.19e-04	0.0	1.20e-06
969	15	0.02	-0.06	-0.04	8.66e-05	0.0	4.47e-05
969	19	6.51e-03	-0.07	-0.04	1.25e-04	0.0	5.51e-05
969	20	6.50e-03	-0.03	-0.05	1.42e-05	0.0	3.46e-05
969	21	-1.80e-06	-0.07	0.02	1.74e-04	0.0	5.59e-05
969	22	3.18e-03	-0.05	-0.05	5.67e-05	0.0	4.51e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
969	23	-1.80e-06	-0.07	0.02	1.74e-04	0.0	5.59e-05
969	24	2.82e-03	-0.05	-0.04	6.97e-05	0.0	4.63e-05
970	1	7.38e-05	-0.11	0.03	2.16e-04	0.0	8.13e-05
970	2	5.52e-03	-0.05	-0.09	2.44e-05	0.0	5.95e-05
970	4	5.50e-03	-0.03	-0.10	-2.55e-05	0.0	4.08e-05
970	7	0.07	-0.09	-0.04	1.54e-04	0.0	3.62e-05
970	11	0.02	-0.24	-0.03	5.43e-04	0.0	1.51e-04
970	12	0.02	0.01	-0.05	-1.24e-04	0.0	0.0
970	15	0.02	-0.06	-0.04	8.08e-05	0.0	4.96e-05
970	19	6.90e-03	-0.07	-0.04	1.19e-04	0.0	6.11e-05
970	20	6.89e-03	-0.03	-0.05	8.80e-06	0.0	3.79e-05
970	21	5.68e-05	-0.08	0.02	1.66e-04	0.0	6.26e-05
970	22	3.32e-03	-0.05	-0.05	5.13e-05	0.0	4.95e-05
970	23	5.68e-05	-0.08	0.02	1.66e-04	0.0	6.26e-05
970	24	2.96e-03	-0.05	-0.04	6.41e-05	0.0	5.09e-05
971	1	1.73e-04	-0.11	0.03	2.20e-04	0.0	8.54e-05
971	2	5.71e-03	-0.05	-0.09	2.82e-05	0.0	6.18e-05
971	4	5.67e-03	-0.03	-0.10	-2.26e-05	0.0	4.21e-05
971	7	0.07	-0.10	-0.04	1.59e-04	0.0	3.83e-05
971	11	0.02	-0.26	-0.03	5.53e-04	0.0	1.58e-04
971	12	0.02	0.02	-0.05	-1.23e-04	0.0	0.0
971	15	0.02	-0.06	-0.04	8.39e-05	0.0	5.19e-05
971	19	7.28e-03	-0.08	-0.04	1.23e-04	0.0	6.39e-05
971	20	7.26e-03	-0.03	-0.05	1.09e-05	0.0	3.95e-05
971	21	1.33e-04	-0.09	0.02	1.69e-04	0.0	6.57e-05
971	22	3.45e-03	-0.05	-0.05	5.41e-05	0.0	5.16e-05
971	23	1.33e-04	-0.09	0.02	1.69e-04	0.0	6.57e-05
971	24	3.08e-03	-0.06	-0.04	6.69e-05	0.0	5.31e-05
972	2	3.93e-03	-0.02	-0.10	2.16e-04	0.0	1.01e-05
972	4	4.15e-03	-0.01	-0.10	1.68e-04	0.0	7.44e-06
972	8	0.03	-0.01	-0.06	9.27e-05	0.0	-1.75e-05
972	11	0.01	-0.03	-0.03	5.86e-04	0.0	2.47e-05
972	16	7.91e-03	-0.01	-0.05	1.49e-04	0.0	3.11e-06
972	19	3.65e-03	-0.01	-0.04	2.05e-04	0.0	9.04e-06
972	20	3.71e-03	-9.53e-03	-0.05	1.21e-04	0.0	4.51e-06
972	22	2.20e-03	-0.01	-0.05	1.64e-04	0.0	7.97e-06
972	24	1.87e-03	-0.01	-0.04	1.64e-04	0.0	8.06e-06
973	2	4.00e-03	-0.03	-0.10	1.96e-04	0.0	2.94e-05
973	4	4.17e-03	-0.02	-0.10	1.25e-04	0.0	2.40e-05
973	8	0.04	-0.01	-0.06	9.56e-05	0.0	-5.07e-06
973	11	0.01	-0.06	-0.03	6.55e-04	0.0	6.22e-05
973	16	8.91e-03	-0.02	-0.05	1.63e-04	0.0	1.62e-05
973	19	4.02e-03	-0.02	-0.04	2.26e-04	0.0	2.47e-05
973	20	4.07e-03	-0.01	-0.05	1.29e-04	0.0	1.56e-05
973	22	2.28e-03	-0.02	-0.05	1.70e-04	0.0	2.16e-05
973	24	1.96e-03	-0.02	-0.04	1.78e-04	0.0	2.12e-05
974	1	-5.67e-04	-0.03	0.03	3.45e-04	0.0	4.19e-05
974	4	4.23e-03	-0.02	-0.10	8.59e-05	0.0	3.78e-05
974	8	0.04	-0.02	-0.06	7.87e-05	0.0	4.87e-06
974	11	0.01	-0.08	-0.03	6.74e-04	0.0	1.01e-04
974	16	9.90e-03	-0.02	-0.05	1.54e-04	0.0	2.96e-05
974	19	4.39e-03	-0.03	-0.04	2.22e-04	0.0	4.12e-05
974	20	4.42e-03	-0.02	-0.05	1.17e-04	0.0	2.70e-05
974	21	-4.36e-04	-0.03	0.03	2.65e-04	0.0	3.23e-05
974	22	2.36e-03	-0.03	-0.05	1.58e-04	0.0	3.56e-05
974	23	-4.36e-04	-0.03	0.03	2.65e-04	0.0	3.23e-05
974	24	2.05e-03	-0.03	-0.04	1.70e-04	0.0	3.52e-05
975	1	-4.40e-04	-0.05	0.03	3.37e-04	0.0	6.33e-05
975	4	4.31e-03	-0.03	-0.10	5.19e-05	0.0	4.96e-05
975	8	0.05	-0.02	-0.06	5.15e-05	0.0	1.30e-05
975	11	0.02	-0.11	-0.03	6.61e-04	0.0	1.41e-04
975	16	0.01	-0.03	-0.05	1.33e-04	0.0	4.27e-05
975	19	4.75e-03	-0.04	-0.04	2.03e-04	0.0	5.78e-05
975	20	4.78e-03	-0.02	-0.05	9.42e-05	0.0	3.84e-05
975	21	-3.39e-04	-0.04	0.03	2.59e-04	0.0	4.87e-05
975	22	2.45e-03	-0.03	-0.05	1.35e-04	0.0	4.92e-05
975	23	-3.39e-04	-0.04	0.03	2.59e-04	0.0	4.87e-05
975	24	2.14e-03	-0.03	-0.04	1.49e-04	0.0	4.92e-05
976	1	-3.34e-04	-0.06	0.03	3.07e-04	0.0	8.52e-05
976	4	4.42e-03	-0.03	-0.10	2.33e-05	0.0	5.97e-05
976	8	0.05	-0.02	-0.06	2.15e-05	0.0	1.96e-05
976	11	0.02	-0.14	-0.03	6.30e-04	0.0	1.79e-04
976	16	0.01	-0.03	-0.05	1.07e-04	0.0	5.49e-05
976	19	5.12e-03	-0.05	-0.04	1.78e-04	0.0	7.37e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
976	20	5.14e-03	-0.03	-0.05	6.76e-05	0.0	4.88e-05
976	21	-2.57e-04	-0.05	0.03	2.36e-04	0.0	6.55e-05
976	22	2.55e-03	-0.04	-0.05	1.09e-04	0.0	6.20e-05
976	23	-2.57e-04	-0.05	0.03	2.36e-04	0.0	6.55e-05
976	24	2.23e-03	-0.04	-0.04	1.23e-04	0.0	6.24e-05
977	1	-2.36e-04	-0.07	0.03	2.70e-04	0.0	1.06e-04
977	4	4.52e-03	-0.03	-0.10	0.0	0.0	6.82e-05
977	8	0.06	-0.02	-0.06	-6.15e-06	0.0	2.47e-05
977	11	0.02	-0.16	-0.03	5.91e-04	0.0	2.16e-04
977	16	0.01	-0.04	-0.05	8.14e-05	0.0	6.60e-05
977	19	5.48e-03	-0.05	-0.04	1.53e-04	0.0	8.84e-05
977	20	5.49e-03	-0.03	-0.05	4.23e-05	0.0	5.82e-05
977	21	-1.81e-04	-0.06	0.02	2.08e-04	0.0	8.16e-05
977	22	2.64e-03	-0.04	-0.05	8.35e-05	0.0	7.36e-05
977	23	-1.81e-04	-0.06	0.02	2.08e-04	0.0	8.16e-05
977	24	2.33e-03	-0.04	-0.04	9.74e-05	0.0	7.45e-05
978	1	-1.33e-04	-0.08	0.03	2.37e-04	0.0	1.25e-04
978	4	4.61e-03	-0.03	-0.10	-1.62e-05	0.0	7.56e-05
978	7	0.06	-0.08	-0.05	1.71e-04	0.0	9.84e-05
978	8	0.06	-0.02	-0.06	-2.80e-05	0.0	2.89e-05
978	11	0.02	-0.18	-0.03	5.55e-04	0.0	2.51e-04
978	15	0.01	-0.05	-0.04	9.31e-05	0.0	8.65e-05
978	19	5.84e-03	-0.06	-0.04	1.31e-04	0.0	1.02e-04
978	20	5.83e-03	-0.03	-0.05	2.21e-05	0.0	6.64e-05
978	21	-1.02e-04	-0.06	0.02	1.82e-04	0.0	9.64e-05
978	22	2.73e-03	-0.04	-0.05	6.31e-05	0.0	8.39e-05
978	23	-1.02e-04	-0.06	0.02	1.82e-04	0.0	9.64e-05
978	24	2.41e-03	-0.05	-0.04	7.64e-05	0.0	8.53e-05
979	1	-1.34e-05	-0.09	0.03	2.13e-04	0.0	1.43e-04
979	4	4.67e-03	-0.03	-0.10	-2.66e-05	0.0	8.22e-05
979	7	0.06	-0.08	-0.05	1.52e-04	0.0	1.11e-04
979	8	0.06	-0.02	-0.06	-4.21e-05	0.0	3.23e-05
979	11	0.02	-0.20	-0.03	5.28e-04	0.0	2.84e-04
979	15	0.01	-0.05	-0.04	7.87e-05	0.0	9.69e-05
979	19	6.18e-03	-0.06	-0.04	1.16e-04	0.0	1.14e-04
979	20	6.16e-03	-0.03	-0.05	8.88e-06	0.0	7.35e-05
979	21	-1.03e-05	-0.07	0.02	1.64e-04	0.0	1.10e-04
979	22	2.80e-03	-0.05	-0.05	4.97e-05	0.0	9.32e-05
979	23	-1.03e-05	-0.07	0.02	1.64e-04	0.0	1.10e-04
979	24	2.49e-03	-0.05	-0.04	6.24e-05	0.0	9.50e-05
980	1	1.35e-04	-0.10	0.03	2.04e-04	0.0	1.59e-04
980	2	4.72e-03	-0.05	-0.09	1.68e-05	0.0	1.25e-04
980	4	4.68e-03	-0.03	-0.10	-3.02e-05	0.0	8.87e-05
980	7	0.07	-0.09	-0.05	1.45e-04	0.0	1.25e-04
980	8	0.07	-0.02	-0.06	-4.76e-05	0.0	3.56e-05
980	11	0.02	-0.23	-0.03	5.18e-04	0.0	3.17e-04
980	15	0.02	-0.06	-0.04	7.32e-05	0.0	1.07e-04
980	19	6.50e-03	-0.07	-0.04	1.10e-04	0.0	1.26e-04
980	20	6.47e-03	-0.03	-0.05	3.73e-06	0.0	8.04e-05
980	21	1.04e-04	-0.08	0.02	1.57e-04	0.0	1.23e-04
980	22	2.85e-03	-0.05	-0.05	4.45e-05	0.0	1.02e-04
980	23	1.04e-04	-0.08	0.02	1.57e-04	0.0	1.23e-04
980	24	2.55e-03	-0.05	-0.04	5.70e-05	0.0	1.05e-04
981	1	3.29e-04	-0.11	0.03	2.07e-04	0.0	1.67e-04
981	2	4.70e-03	-0.05	-0.09	2.02e-05	0.0	1.30e-04
981	4	4.62e-03	-0.03	-0.10	-2.76e-05	0.0	9.18e-05
981	7	0.07	-0.10	-0.05	1.50e-04	0.0	1.31e-04
981	8	0.07	-0.02	-0.06	-4.55e-05	0.0	3.71e-05
981	11	0.02	-0.25	-0.03	5.28e-04	0.0	3.32e-04
981	15	0.02	-0.06	-0.04	7.60e-05	0.0	1.12e-04
981	19	6.79e-03	-0.07	-0.04	1.14e-04	0.0	1.32e-04
981	20	6.75e-03	-0.03	-0.05	5.60e-06	0.0	8.36e-05
981	21	2.53e-04	-0.08	0.02	1.59e-04	0.0	1.29e-04
981	22	2.88e-03	-0.05	-0.05	4.71e-05	0.0	1.06e-04
981	23	2.53e-04	-0.08	0.02	1.59e-04	0.0	1.29e-04
981	24	2.58e-03	-0.05	-0.04	5.96e-05	0.0	1.09e-04
982	2	4.39e-03	-0.02	-0.09	1.91e-04	0.0	1.57e-05
982	4	4.70e-03	-0.01	-0.10	1.46e-04	0.0	1.17e-05
982	8	0.03	-0.01	-0.06	7.65e-05	0.0	-1.50e-05
982	11	0.01	-0.03	-0.03	5.41e-04	0.0	4.00e-05
982	16	8.06e-03	-0.01	-0.05	1.33e-04	0.0	7.02e-06
982	19	3.78e-03	-0.01	-0.04	1.86e-04	0.0	1.44e-05
982	22	2.40e-03	-0.01	-0.05	1.48e-04	0.0	1.23e-05
982	24	2.02e-03	-0.01	-0.04	1.48e-04	0.0	1.24e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
983	2	4.28e-03	-0.02	-0.09	1.72e-04	0.0	4.41e-05
983	4	4.53e-03	-0.02	-0.10	1.06e-04	0.0	3.59e-05
983	8	0.04	-0.01	-0.06	8.09e-05	0.0	2.92e-06
983	11	0.01	-0.05	-0.03	6.05e-04	0.0	9.51e-05
983	16	8.98e-03	-0.02	-0.05	1.45e-04	0.0	2.61e-05
983	19	4.08e-03	-0.02	-0.04	2.05e-04	0.0	3.75e-05
983	22	2.39e-03	-0.02	-0.05	1.52e-04	0.0	3.25e-05
983	24	2.03e-03	-0.02	-0.04	1.60e-04	0.0	3.19e-05
984	1	-8.40e-04	-0.03	0.03	3.18e-04	0.0	6.26e-05
984	4	4.40e-03	-0.02	-0.10	6.91e-05	0.0	5.62e-05
984	8	0.04	-0.02	-0.06	6.58e-05	0.0	1.89e-05
984	11	0.01	-0.08	-0.03	6.22e-04	0.0	1.53e-04
984	16	9.91e-03	-0.02	-0.05	1.36e-04	0.0	4.58e-05
984	19	4.38e-03	-0.03	-0.04	2.00e-04	0.0	6.18e-05
984	21	-6.46e-04	-0.02	0.03	2.44e-04	0.0	4.82e-05
984	22	2.38e-03	-0.02	-0.05	1.39e-04	0.0	5.30e-05
984	23	-6.46e-04	-0.02	0.03	2.44e-04	0.0	4.82e-05
984	24	2.05e-03	-0.02	-0.04	1.51e-04	0.0	5.24e-05
985	1	-6.58e-04	-0.05	0.03	3.08e-04	0.0	9.38e-05
985	4	4.33e-03	-0.02	-0.10	3.75e-05	0.0	7.36e-05
985	8	0.05	-0.02	-0.06	4.07e-05	0.0	3.31e-05
985	11	0.02	-0.10	-0.03	6.09e-04	0.0	2.11e-04
985	16	0.01	-0.03	-0.05	1.16e-04	0.0	6.52e-05
985	19	4.68e-03	-0.04	-0.04	1.82e-04	0.0	8.62e-05
985	21	-5.06e-04	-0.03	0.02	2.37e-04	0.0	7.21e-05
985	22	2.39e-03	-0.03	-0.05	1.17e-04	0.0	7.30e-05
985	23	-5.06e-04	-0.03	0.02	2.37e-04	0.0	7.21e-05
985	24	2.07e-03	-0.03	-0.04	1.31e-04	0.0	7.29e-05
986	1	-5.05e-04	-0.06	0.03	2.79e-04	0.0	1.25e-04
986	4	4.28e-03	-0.03	-0.10	1.11e-05	0.0	8.85e-05
986	8	0.05	-0.02	-0.06	1.26e-05	0.0	4.51e-05
986	11	0.02	-0.13	-0.03	5.80e-04	0.0	2.68e-04
986	16	0.01	-0.03	-0.05	9.14e-05	0.0	8.32e-05
986	19	4.98e-03	-0.04	-0.04	1.58e-04	0.0	1.09e-04
986	21	-3.89e-04	-0.04	0.02	2.15e-04	0.0	9.64e-05
986	22	2.41e-03	-0.03	-0.05	9.26e-05	0.0	9.17e-05
986	23	-3.89e-04	-0.04	0.02	2.15e-04	0.0	9.64e-05
986	24	2.10e-03	-0.03	-0.04	1.06e-04	0.0	9.22e-05
987	1	-3.63e-04	-0.07	0.03	2.44e-04	0.0	1.55e-04
987	4	4.24e-03	-0.03	-0.10	-9.85e-06	0.0	1.01e-04
987	8	0.06	-0.02	-0.06	-1.34e-05	0.0	5.52e-05
987	11	0.02	-0.15	-0.03	5.44e-04	0.0	3.23e-04
987	16	0.01	-0.03	-0.05	6.77e-05	0.0	9.95e-05
987	19	5.29e-03	-0.05	-0.04	1.34e-04	0.0	1.31e-04
987	21	-2.79e-04	-0.05	0.02	1.88e-04	0.0	1.19e-04
987	22	2.43e-03	-0.04	-0.05	6.93e-05	0.0	1.08e-04
987	23	-2.79e-04	-0.05	0.02	1.88e-04	0.0	1.19e-04
987	24	2.13e-03	-0.04	-0.04	8.25e-05	0.0	1.10e-04
988	1	-2.14e-04	-0.08	0.03	2.13e-04	0.0	1.82e-04
988	4	4.18e-03	-0.02	-0.10	-2.53e-05	0.0	1.12e-04
988	7	0.06	-0.07	-0.05	1.52e-04	0.0	1.66e-04
988	8	0.06	-0.02	-0.06	-3.40e-05	0.0	6.36e-05
988	11	0.02	-0.17	-0.03	5.10e-04	0.0	3.74e-04
988	15	0.01	-0.05	-0.04	7.89e-05	0.0	1.30e-04
988	16	0.01	-0.04	-0.05	4.83e-05	0.0	1.14e-04
988	19	5.58e-03	-0.05	-0.04	1.14e-04	0.0	1.50e-04
988	21	-1.65e-04	-0.06	0.02	1.64e-04	0.0	1.40e-04
988	22	2.44e-03	-0.04	-0.05	5.05e-05	0.0	1.23e-04
988	23	-1.65e-04	-0.06	0.02	1.64e-04	0.0	1.40e-04
988	24	2.15e-03	-0.04	-0.04	6.31e-05	0.0	1.25e-04
989	1	-4.17e-05	-0.08	0.03	1.92e-04	0.0	2.07e-04
989	4	4.08e-03	-0.02	-0.10	-3.49e-05	0.0	1.22e-04
989	7	0.06	-0.08	-0.05	1.34e-04	0.0	1.87e-04
989	8	0.06	-0.02	-0.06	-4.74e-05	0.0	7.07e-05
989	11	0.02	-0.19	-0.03	4.86e-04	0.0	4.23e-04
989	15	0.01	-0.05	-0.04	6.56e-05	0.0	1.45e-04
989	16	0.01	-0.04	-0.05	3.55e-05	0.0	1.27e-04
989	19	5.86e-03	-0.06	-0.04	1.01e-04	0.0	1.68e-04
989	21	-3.20e-05	-0.07	0.02	1.48e-04	0.0	1.59e-04
989	22	2.44e-03	-0.04	-0.05	3.81e-05	0.0	1.37e-04
989	23	-3.20e-05	-0.07	0.02	1.48e-04	0.0	1.59e-04
989	24	2.16e-03	-0.04	-0.04	5.03e-05	0.0	1.39e-04
990	1	1.73e-04	-0.09	0.03	1.84e-04	0.0	2.30e-04
990	2	3.95e-03	-0.04	-0.09	3.92e-06	0.0	1.85e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
990	4	3.91e-03	-0.02	-0.10	-3.84e-05	0.0	1.32e-04
990	7	0.07	-0.08	-0.05	1.28e-04	0.0	2.08e-04
990	8	0.07	-0.02	-0.06	-5.26e-05	0.0	7.74e-05
990	11	0.02	-0.21	-0.03	4.77e-04	0.0	4.72e-04
990	15	0.02	-0.05	-0.04	6.05e-05	0.0	1.60e-04
990	16	0.02	-0.04	-0.05	3.05e-05	0.0	1.40e-04
990	19	6.10e-03	-0.06	-0.04	9.55e-05	0.0	1.85e-04
990	21	1.33e-04	-0.07	0.02	1.41e-04	0.0	1.77e-04
990	22	2.40e-03	-0.04	-0.05	3.34e-05	0.0	1.50e-04
990	23	1.33e-04	-0.07	0.02	1.41e-04	0.0	1.77e-04
990	24	2.15e-03	-0.04	-0.04	4.54e-05	0.0	1.53e-04
991	1	4.51e-04	-0.10	0.03	1.87e-04	0.0	2.41e-04
991	2	3.73e-03	-0.04	-0.09	6.77e-06	0.0	1.92e-04
991	4	3.63e-03	-0.02	-0.10	-3.63e-05	0.0	1.36e-04
991	7	0.07	-0.09	-0.05	1.32e-04	0.0	2.18e-04
991	8	0.07	-0.01	-0.06	-5.08e-05	0.0	8.06e-05
991	11	0.02	-0.23	-0.03	4.86e-04	0.0	4.95e-04
991	15	0.02	-0.05	-0.04	6.30e-05	0.0	1.67e-04
991	16	0.02	-0.04	-0.05	3.26e-05	0.0	1.46e-04
991	19	6.32e-03	-0.07	-0.04	9.84e-05	0.0	1.94e-04
991	21	3.47e-04	-0.08	0.02	1.44e-04	0.0	1.86e-04
991	22	2.32e-03	-0.04	-0.05	3.56e-05	0.0	1.56e-04
991	23	3.47e-04	-0.08	0.02	1.44e-04	0.0	1.86e-04
991	24	2.10e-03	-0.05	-0.04	4.76e-05	0.0	1.59e-04
992	2	4.82e-03	-0.02	-0.09	1.58e-04	0.0	2.04e-05
992	4	5.23e-03	-0.01	-0.10	1.16e-04	0.0	1.50e-05
992	8	0.03	-0.01	-0.06	5.53e-05	0.0	-1.31e-05
992	11	0.01	-0.03	-0.03	4.79e-04	0.0	5.39e-05
992	16	8.21e-03	-0.01	-0.05	1.12e-04	0.0	1.05e-05
992	19	3.91e-03	-0.01	-0.04	1.61e-04	0.0	1.93e-05
992	22	2.59e-03	-0.01	-0.05	1.25e-04	0.0	1.62e-05
992	24	2.15e-03	-0.01	-0.04	1.26e-04	0.0	1.63e-05
993	2	4.53e-03	-0.02	-0.09	1.39e-04	0.0	5.69e-05
993	4	4.86e-03	-0.02	-0.10	7.93e-05	0.0	4.60e-05
993	8	0.04	-0.01	-0.06	6.01e-05	0.0	9.90e-06
993	11	0.01	-0.05	-0.03	5.36e-04	0.0	1.25e-04
993	16	9.05e-03	-0.02	-0.05	1.21e-04	0.0	3.50e-05
993	19	4.13e-03	-0.02	-0.04	1.76e-04	0.0	4.90e-05
993	22	2.48e-03	-0.02	-0.05	1.27e-04	0.0	4.21e-05
993	24	2.09e-03	-0.02	-0.04	1.35e-04	0.0	4.15e-05
994	1	-1.10e-03	-0.03	0.03	2.81e-04	0.0	8.26e-05
994	4	4.56e-03	-0.02	-0.10	4.64e-05	0.0	7.16e-05
994	8	0.04	-0.02	-0.06	4.67e-05	0.0	3.14e-05
994	11	0.01	-0.07	-0.03	5.50e-04	0.0	1.99e-04
994	16	9.90e-03	-0.02	-0.05	1.12e-04	0.0	6.04e-05
994	19	4.36e-03	-0.03	-0.04	1.70e-04	0.0	8.02e-05
994	21	-8.48e-04	-0.02	0.02	2.16e-04	0.0	6.35e-05
994	22	2.40e-03	-0.02	-0.05	1.14e-04	0.0	6.84e-05
994	23	-8.48e-04	-0.02	0.02	2.16e-04	0.0	6.35e-05
994	24	2.04e-03	-0.02	-0.04	1.26e-04	0.0	6.78e-05
995	1	-8.74e-04	-0.04	0.03	2.70e-04	0.0	1.22e-04
995	4	4.33e-03	-0.02	-0.10	1.82e-05	0.0	9.37e-05
995	8	0.05	-0.02	-0.06	2.39e-05	0.0	5.09e-05
995	11	0.02	-0.09	-0.03	5.38e-04	0.0	2.75e-04
995	16	0.01	-0.02	-0.05	9.32e-05	0.0	8.51e-05
995	19	4.60e-03	-0.03	-0.04	1.53e-04	0.0	1.11e-04
995	21	-6.73e-04	-0.03	0.02	2.08e-04	0.0	9.39e-05
995	22	2.33e-03	-0.03	-0.05	9.40e-05	0.0	9.38e-05
995	23	-6.73e-04	-0.03	0.02	2.08e-04	0.0	9.39e-05
995	24	2.00e-03	-0.03	-0.04	1.07e-04	0.0	9.38e-05
996	1	-6.82e-04	-0.05	0.03	2.42e-04	0.0	1.62e-04
996	4	4.14e-03	-0.02	-0.10	-5.31e-06	0.0	1.13e-04
996	8	0.05	-0.02	-0.06	-1.55e-06	0.0	6.79e-05
996	11	0.02	-0.11	-0.03	5.12e-04	0.0	3.49e-04
996	16	0.01	-0.03	-0.05	7.07e-05	0.0	1.08e-04
996	19	4.85e-03	-0.04	-0.04	1.31e-04	0.0	1.41e-04
996	21	-5.25e-04	-0.04	0.02	1.86e-04	0.0	1.24e-04
996	22	2.28e-03	-0.03	-0.05	7.14e-05	0.0	1.17e-04
996	23	-5.25e-04	-0.04	0.02	1.86e-04	0.0	1.24e-04
996	24	1.96e-03	-0.03	-0.04	8.41e-05	0.0	1.18e-04
997	1	-5.02e-04	-0.06	0.03	2.11e-04	0.0	1.99e-04
997	4	3.97e-03	-0.02	-0.10	-2.39e-05	0.0	1.29e-04
997	8	0.05	-0.02	-0.06	-2.51e-05	0.0	8.22e-05
997	11	0.02	-0.13	-0.03	4.80e-04	0.0	4.19e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
997	16	0.01	-0.03	-0.05	4.93e-05	0.0	1.29e-04
997	19	5.09e-03	-0.04	-0.04	1.10e-04	0.0	1.68e-04
997	21	-3.86e-04	-0.05	0.02	1.62e-04	0.0	1.53e-04
997	22	2.23e-03	-0.03	-0.05	5.04e-05	0.0	1.38e-04
997	23	-3.86e-04	-0.05	0.02	1.62e-04	0.0	1.53e-04
997	24	1.94e-03	-0.03	-0.04	6.28e-05	0.0	1.40e-04
998	1	-3.13e-04	-0.07	0.03	1.83e-04	0.0	2.32e-04
998	4	3.77e-03	-0.02	-0.10	-3.76e-05	0.0	1.42e-04
998	7	0.06	-0.06	-0.06	1.24e-04	0.0	2.26e-04
998	8	0.06	-0.02	-0.06	-4.38e-05	0.0	9.41e-05
998	11	0.02	-0.15	-0.03	4.50e-04	0.0	4.85e-04
998	15	0.01	-0.04	-0.05	5.99e-05	0.0	1.67e-04
998	16	0.01	-0.03	-0.05	3.20e-05	0.0	1.47e-04
998	19	5.33e-03	-0.05	-0.04	9.22e-05	0.0	1.92e-04
998	21	-2.41e-04	-0.05	0.02	1.41e-04	0.0	1.78e-04
998	22	2.17e-03	-0.03	-0.05	3.38e-05	0.0	1.57e-04
998	23	-2.41e-04	-0.05	0.02	1.41e-04	0.0	1.78e-04
998	24	1.90e-03	-0.03	-0.04	4.57e-05	0.0	1.59e-04
999	1	-9.44e-05	-0.07	0.03	1.65e-04	0.0	2.61e-04
999	4	3.52e-03	-0.02	-0.10	-4.62e-05	0.0	1.55e-04
999	7	0.06	-0.07	-0.06	1.09e-04	0.0	2.54e-04
999	8	0.06	-0.01	-0.06	-5.59e-05	0.0	1.04e-04
999	11	0.02	-0.17	-0.03	4.29e-04	0.0	5.47e-04
999	15	0.01	-0.04	-0.05	4.82e-05	0.0	1.86e-04
999	16	0.01	-0.03	-0.05	2.07e-05	0.0	1.63e-04
999	19	5.55e-03	-0.05	-0.04	8.03e-05	0.0	2.14e-04
999	21	-7.26e-05	-0.06	0.02	1.27e-04	0.0	2.01e-04
999	22	2.09e-03	-0.03	-0.05	2.30e-05	0.0	1.73e-04
999	23	-7.26e-05	-0.06	0.02	1.27e-04	0.0	2.01e-04
999	24	1.85e-03	-0.04	-0.04	3.45e-05	0.0	1.76e-04
1000	1	1.77e-04	-0.08	0.03	1.58e-04	0.0	2.90e-04
1000	2	3.22e-03	-0.03	-0.09	-1.32e-05	0.0	2.34e-04
1000	4	3.18e-03	-0.02	-0.10	-4.96e-05	0.0	1.67e-04
1000	7	0.07	-0.07	-0.06	1.03e-04	0.0	2.82e-04
1000	8	0.07	-0.01	-0.06	-6.08e-05	0.0	1.14e-04
1000	11	0.02	-0.19	-0.03	4.21e-04	0.0	6.09e-04
1000	15	0.01	-0.04	-0.05	4.36e-05	0.0	2.04e-04
1000	16	0.01	-0.03	-0.05	1.63e-05	0.0	1.79e-04
1000	19	5.73e-03	-0.05	-0.04	7.57e-05	0.0	2.36e-04
1000	21	1.36e-04	-0.06	0.02	1.21e-04	0.0	2.23e-04
1000	22	1.96e-03	-0.03	-0.05	1.87e-05	0.0	1.89e-04
1000	23	1.36e-04	-0.06	0.02	1.21e-04	0.0	2.23e-04
1000	24	1.76e-03	-0.04	-0.04	3.01e-05	0.0	1.93e-04
1001	1	5.27e-04	-0.09	0.03	1.60e-04	0.0	3.03e-04
1001	2	2.83e-03	-0.03	-0.09	-1.12e-05	0.0	2.43e-04
1001	4	2.71e-03	-0.01	-0.10	-4.81e-05	0.0	1.73e-04
1001	7	0.07	-0.08	-0.06	1.07e-04	0.0	2.95e-04
1001	8	0.07	-9.38e-03	-0.06	-5.95e-05	0.0	1.18e-04
1001	11	0.02	-0.20	-0.03	4.28e-04	0.0	6.38e-04
1001	15	0.02	-0.04	-0.05	4.55e-05	0.0	2.13e-04
1001	16	0.02	-0.03	-0.05	1.78e-05	0.0	1.86e-04
1001	19	5.87e-03	-0.06	-0.04	7.79e-05	0.0	2.46e-04
1001	21	4.05e-04	-0.07	0.02	1.23e-04	0.0	2.33e-04
1001	22	1.79e-03	-0.04	-0.05	2.03e-05	0.0	1.97e-04
1001	23	4.05e-04	-0.07	0.02	1.23e-04	0.0	2.33e-04
1001	24	1.63e-03	-0.04	-0.04	3.17e-05	0.0	2.01e-04
1002	2	5.22e-03	-0.01	-0.09	1.17e-04	0.0	2.37e-05
1002	4	5.71e-03	-0.01	-0.10	8.01e-05	0.0	1.69e-05
1002	8	0.03	-0.01	-0.07	2.95e-05	0.0	-1.21e-05
1002	11	0.01	-0.02	-0.03	4.03e-04	0.0	6.58e-05
1002	16	8.35e-03	-9.89e-03	-0.05	8.56e-05	0.0	1.31e-05
1002	19	4.02e-03	-0.01	-0.04	1.29e-04	0.0	2.32e-05
1002	22	2.77e-03	-9.81e-03	-0.05	9.67e-05	0.0	1.91e-05
1002	24	2.28e-03	-9.37e-03	-0.04	9.95e-05	0.0	1.95e-05
1003	2	4.75e-03	-0.02	-0.09	9.86e-05	0.0	6.66e-05
1003	4	5.14e-03	-0.01	-0.10	4.76e-05	0.0	5.31e-05
1003	8	0.04	-0.01	-0.07	3.40e-05	0.0	1.54e-05
1003	11	0.01	-0.04	-0.03	4.51e-04	0.0	1.51e-04
1003	16	9.11e-03	-0.01	-0.05	9.20e-05	0.0	4.24e-05
1003	19	4.17e-03	-0.02	-0.04	1.40e-04	0.0	5.85e-05
1003	22	2.57e-03	-0.01	-0.05	9.66e-05	0.0	4.99e-05
1003	24	2.14e-03	-0.01	-0.04	1.05e-04	0.0	4.94e-05
1004	1	-1.35e-03	-0.03	0.03	2.36e-04	0.0	1.01e-04
1004	4	4.69e-03	-0.02	-0.10	1.92e-05	0.0	8.27e-05

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
1004	8	0.04	-0.01	-0.07	2.22e-05	0.0	4.15e-05
1004	11	0.01	-0.06	-0.03	4.62e-04	0.0	2.39e-04
1004	16	9.89e-03	-0.02	-0.05	8.28e-05	0.0	7.22e-05
1004	19	4.33e-03	-0.02	-0.04	1.34e-04	0.0	9.52e-05
1004	21	-1.04e-03	-0.02	0.02	1.82e-04	0.0	7.73e-05
1004	22	2.40e-03	-0.02	-0.05	8.42e-05	0.0	8.06e-05
1004	23	-1.04e-03	-0.02	0.02	1.82e-04	0.0	7.73e-05
1004	24	2.01e-03	-0.02	-0.04	9.51e-05	0.0	8.02e-05
1005	1	-1.09e-03	-0.03	0.03	2.24e-04	0.0	1.46e-04
1005	4	4.32e-03	-0.02	-0.10	-5.00e-06	0.0	1.08e-04
1005	8	0.05	-0.02	-0.07	2.23e-06	0.0	6.55e-05
1005	11	0.01	-0.08	-0.03	4.51e-04	0.0	3.28e-04
1005	16	0.01	-0.02	-0.05	6.56e-05	0.0	1.01e-04
1005	19	4.51e-03	-0.03	-0.04	1.18e-04	0.0	1.31e-04
1005	21	-8.39e-04	-0.03	0.02	1.72e-04	0.0	1.13e-04
1005	22	2.25e-03	-0.02	-0.05	6.59e-05	0.0	1.10e-04
1005	23	-8.39e-04	-0.03	0.02	1.72e-04	0.0	1.13e-04
1005	24	1.91e-03	-0.02	-0.04	7.77e-05	0.0	1.10e-04
1006	1	-8.68e-04	-0.04	0.03	1.99e-04	0.0	1.91e-04
1006	4	4.00e-03	-0.02	-0.10	-2.49e-05	0.0	1.30e-04
1006	8	0.05	-0.01	-0.07	-2.00e-05	0.0	8.62e-05
1006	11	0.02	-0.10	-0.03	4.28e-04	0.0	4.15e-04
1006	16	0.01	-0.02	-0.05	4.59e-05	0.0	1.27e-04
1006	19	4.70e-03	-0.03	-0.04	9.93e-05	0.0	1.65e-04
1006	21	-6.67e-04	-0.03	0.02	1.53e-04	0.0	1.47e-04
1006	22	2.13e-03	-0.02	-0.05	4.61e-05	0.0	1.37e-04
1006	23	-6.67e-04	-0.03	0.02	1.53e-04	0.0	1.47e-04
1006	24	1.82e-03	-0.02	-0.04	5.80e-05	0.0	1.38e-04
1007	1	-6.57e-04	-0.05	0.03	1.71e-04	0.0	2.33e-04
1007	4	3.71e-03	-0.01	-0.10	-4.07e-05	0.0	1.48e-04
1007	8	0.05	-0.01	-0.07	-4.04e-05	0.0	1.04e-04
1007	11	0.02	-0.11	-0.03	4.01e-04	0.0	4.98e-04
1007	16	0.01	-0.02	-0.05	2.75e-05	0.0	1.51e-04
1007	19	4.90e-03	-0.04	-0.04	8.10e-05	0.0	1.96e-04
1007	21	-5.06e-04	-0.04	0.02	1.32e-04	0.0	1.79e-04
1007	22	2.02e-03	-0.02	-0.05	2.83e-05	0.0	1.60e-04
1007	23	-5.06e-04	-0.04	0.02	1.32e-04	0.0	1.79e-04
1007	24	1.74e-03	-0.03	-0.04	3.98e-05	0.0	1.62e-04
1008	1	-4.35e-04	-0.06	0.03	1.48e-04	0.0	2.69e-04
1008	4	3.40e-03	-0.01	-0.10	-5.22e-05	0.0	1.64e-04
1008	7	0.06	-0.05	-0.06	9.03e-05	0.0	2.75e-04
1008	8	0.06	-0.01	-0.07	-5.66e-05	0.0	1.18e-04
1008	11	0.02	-0.13	-0.03	3.76e-04	0.0	5.75e-04
1008	15	0.01	-0.03	-0.05	3.74e-05	0.0	1.95e-04
1008	16	0.01	-0.02	-0.05	1.29e-05	0.0	1.71e-04
1008	19	5.09e-03	-0.04	-0.04	6.61e-05	0.0	2.23e-04
1008	21	-3.35e-04	-0.04	0.02	1.14e-04	0.0	2.07e-04
1008	22	1.90e-03	-0.03	-0.05	1.43e-05	0.0	1.81e-04
1008	23	-3.35e-04	-0.04	0.02	1.14e-04	0.0	2.07e-04
1008	24	1.65e-03	-0.03	-0.04	2.54e-05	0.0	1.84e-04
1009	1	-1.78e-04	-0.06	0.03	1.34e-04	0.0	3.01e-04
1009	4	3.02e-03	-0.01	-0.10	-5.97e-05	0.0	1.78e-04
1009	7	0.06	-0.06	-0.06	7.70e-05	0.0	3.09e-04
1009	8	0.06	-9.13e-03	-0.07	-6.71e-05	0.0	1.30e-04
1009	11	0.02	-0.14	-0.03	3.59e-04	0.0	6.48e-04
1009	15	0.01	-0.03	-0.05	2.76e-05	0.0	2.16e-04
1009	16	0.01	-0.03	-0.05	3.46e-06	0.0	1.89e-04
1009	19	5.25e-03	-0.04	-0.04	5.63e-05	0.0	2.48e-04
1009	21	-1.37e-04	-0.05	0.02	1.03e-04	0.0	2.32e-04
1009	22	1.76e-03	-0.03	-0.05	5.33e-06	0.0	1.99e-04
1009	23	-1.37e-04	-0.05	0.02	1.03e-04	0.0	2.32e-04
1009	24	1.55e-03	-0.03	-0.04	1.62e-05	0.0	2.03e-04
1010	1	1.39e-04	-0.07	0.03	1.28e-04	0.0	3.32e-04
1010	2	2.56e-03	-0.02	-0.09	-3.34e-05	0.0	2.68e-04
1010	4	2.53e-03	-7.97e-03	-0.10	-6.29e-05	0.0	1.92e-04
1010	7	0.07	-0.06	-0.06	7.17e-05	0.0	3.42e-04
1010	8	0.07	-6.32e-03	-0.07	-7.15e-05	0.0	1.42e-04
1010	11	0.02	-0.16	-0.03	3.52e-04	0.0	7.21e-04
1010	15	0.01	-0.03	-0.05	2.36e-05	0.0	2.37e-04
1010	16	0.01	-0.03	-0.05	0.0	0.0	2.07e-04
1010	19	5.38e-03	-0.04	-0.04	5.23e-05	0.0	2.73e-04
1010	21	1.07e-04	-0.05	0.02	9.85e-05	0.0	2.55e-04
1010	22	1.56e-03	-0.03	-0.05	1.62e-06	0.0	2.17e-04
1010	23	1.07e-04	-0.05	0.02	9.85e-05	0.0	2.55e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
1010	24	1.40e-03	-0.03	-0.04	1.24e-05	0.0	2.21e-04
1011	1	5.44e-04	-0.07	0.03	1.29e-04	0.0	3.47e-04
1011	2	2.01e-03	-0.02	-0.09	-3.27e-05	0.0	2.78e-04
1011	4	1.88e-03	-5.44e-03	-0.10	-6.25e-05	0.0	1.98e-04
1011	7	0.07	-0.06	-0.06	7.43e-05	0.0	3.58e-04
1011	8	0.07	-3.44e-03	-0.07	-7.08e-05	0.0	1.47e-04
1011	11	0.02	-0.17	-0.03	3.58e-04	0.0	7.55e-04
1011	15	0.02	-0.03	-0.05	2.46e-05	0.0	2.47e-04
1011	16	0.02	-0.03	-0.05	0.0	0.0	2.15e-04
1011	19	5.45e-03	-0.04	-0.04	5.35e-05	0.0	2.85e-04
1011	21	4.18e-04	-0.06	0.02	9.93e-05	0.0	2.67e-04
1011	22	1.30e-03	-0.03	-0.05	2.25e-06	0.0	2.26e-04
1011	23	4.18e-04	-0.06	0.02	9.93e-05	0.0	2.67e-04
1011	24	1.20e-03	-0.03	-0.04	1.30e-05	0.0	2.30e-04
1012	2	5.57e-03	-0.01	-0.09	6.96e-05	0.0	2.47e-05
1012	4	6.14e-03	-0.01	-0.10	3.90e-05	0.0	1.68e-05
1012	8	0.03	-0.01	-0.07	0.0	0.0	-1.23e-05
1012	11	0.01	-0.02	-0.03	3.15e-04	0.0	7.46e-05
1012	15	8.42e-03	-9.91e-03	-0.05	7.05e-05	0.0	1.80e-05
1012	16	8.47e-03	-9.31e-03	-0.05	5.51e-05	0.0	1.46e-05
1012	22	2.93e-03	-8.95e-03	-0.05	6.42e-05	0.0	2.06e-05
1012	24	2.39e-03	-8.51e-03	-0.04	6.85e-05	0.0	2.13e-05
1013	2	4.93e-03	-0.02	-0.09	5.33e-05	0.0	7.17e-05
1013	4	5.38e-03	-0.01	-0.10	1.22e-05	0.0	5.59e-05
1013	8	0.04	-0.01	-0.07	3.44e-06	0.0	1.87e-05
1013	11	0.01	-0.03	-0.03	3.53e-04	0.0	1.69e-04
1013	16	9.15e-03	-0.01	-0.05	5.86e-05	0.0	4.71e-05
1013	19	4.19e-03	-0.01	-0.04	9.92e-05	0.0	6.48e-05
1013	22	2.63e-03	-0.01	-0.05	6.22e-05	0.0	5.46e-05
1013	24	2.17e-03	-0.01	-0.04	7.05e-05	0.0	5.44e-05
1014	1	-1.59e-03	-0.02	0.03	1.86e-04	0.0	1.14e-04
1014	4	4.77e-03	-0.01	-0.10	-1.09e-05	0.0	8.76e-05
1014	8	0.04	-0.01	-0.07	-6.53e-06	0.0	4.82e-05
1014	11	0.01	-0.05	-0.03	3.61e-04	0.0	2.67e-04
1014	16	9.86e-03	-0.01	-0.05	4.98e-05	0.0	7.98e-05
1014	19	4.28e-03	-0.02	-0.04	9.27e-05	0.0	1.05e-04
1014	21	-1.23e-03	-0.02	0.02	1.43e-04	0.0	8.80e-05
1014	22	2.37e-03	-0.01	-0.05	5.07e-05	0.0	8.78e-05
1014	23	-1.23e-03	-0.02	0.02	1.43e-04	0.0	8.80e-05
1014	24	1.97e-03	-0.01	-0.04	6.10e-05	0.0	8.78e-05
1015	1	-1.31e-03	-0.03	0.03	1.73e-04	0.0	1.63e-04
1015	4	4.28e-03	-0.01	-0.10	-3.04e-05	0.0	1.14e-04
1015	8	0.05	-0.01	-0.07	-2.31e-05	0.0	7.50e-05
1015	11	0.01	-0.06	-0.03	3.52e-04	0.0	3.66e-04
1015	16	0.01	-0.02	-0.05	3.51e-05	0.0	1.11e-04
1015	19	4.41e-03	-0.02	-0.04	7.94e-05	0.0	1.44e-04
1015	21	-1.01e-03	-0.02	0.02	1.33e-04	0.0	1.26e-04
1015	22	2.16e-03	-0.02	-0.05	3.51e-05	0.0	1.19e-04
1015	23	-1.01e-03	-0.02	0.02	1.33e-04	0.0	1.26e-04
1015	24	1.81e-03	-0.02	-0.04	4.60e-05	0.0	1.20e-04
1016	1	-1.06e-03	-0.03	0.03	1.52e-04	0.0	2.10e-04
1016	4	3.86e-03	-0.01	-0.10	-4.64e-05	0.0	1.37e-04
1016	8	0.05	-0.01	-0.07	-4.13e-05	0.0	9.81e-05
1016	11	0.02	-0.08	-0.03	3.33e-04	0.0	4.62e-04
1016	16	0.01	-0.02	-0.05	1.88e-05	0.0	1.39e-04
1016	19	4.55e-03	-0.02	-0.04	6.39e-05	0.0	1.80e-04
1016	21	-8.19e-04	-0.03	0.02	1.17e-04	0.0	1.62e-04
1016	22	1.99e-03	-0.02	-0.05	1.89e-05	0.0	1.47e-04
1016	23	-8.19e-04	-0.03	0.02	1.17e-04	0.0	1.62e-04
1016	24	1.68e-03	-0.02	-0.04	2.97e-05	0.0	1.49e-04
1017	1	-8.31e-04	-0.04	0.03	1.30e-04	0.0	2.52e-04
1017	4	3.47e-03	-8.01e-03	-0.10	-5.89e-05	0.0	1.56e-04
1017	8	0.05	-8.81e-03	-0.07	-5.79e-05	0.0	1.17e-04
1017	11	0.02	-0.09	-0.03	3.12e-04	0.0	5.53e-04
1017	16	0.01	-0.02	-0.05	4.02e-06	0.0	1.63e-04
1017	19	4.71e-03	-0.03	-0.04	4.94e-05	0.0	2.12e-04
1017	21	-6.39e-04	-0.03	0.02	9.99e-05	0.0	1.94e-04
1017	22	1.82e-03	-0.02	-0.05	4.63e-06	0.0	1.71e-04
1017	23	-6.39e-04	-0.03	0.02	9.99e-05	0.0	1.94e-04
1017	24	1.55e-03	-0.02	-0.04	1.52e-05	0.0	1.74e-04
1018	1	-5.83e-04	-0.04	0.03	1.12e-04	0.0	2.88e-04
1018	4	3.05e-03	-5.44e-03	-0.10	-6.81e-05	0.0	1.73e-04
1018	7	0.06	-0.04	-0.06	5.12e-05	0.0	3.09e-04
1018	8	0.06	-6.20e-03	-0.07	-7.10e-05	0.0	1.33e-04

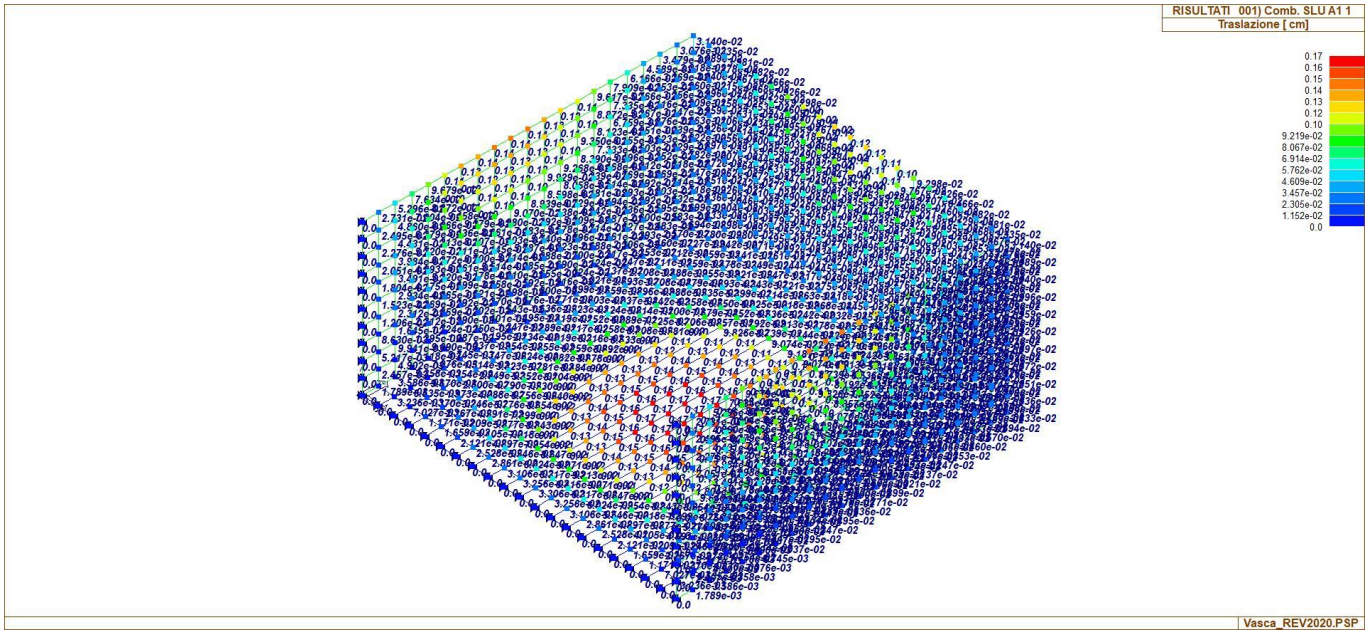
Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
1018	11	0.02	-0.10	-0.03	2.93e-04	0.0	6.38e-04
1018	15	0.01	-0.02	-0.05	1.31e-05	0.0	2.11e-04
1018	16	0.01	-0.02	-0.05	-7.46e-06	0.0	1.84e-04
1018	19	4.86e-03	-0.03	-0.04	3.79e-05	0.0	2.41e-04
1018	21	-4.48e-04	-0.03	0.02	8.65e-05	0.0	2.22e-04
1018	22	1.65e-03	-0.02	-0.05	-6.26e-06	0.0	1.92e-04
1018	23	-4.48e-04	-0.03	0.02	8.65e-05	0.0	2.22e-04
1018	24	1.42e-03	-0.02	-0.04	4.04e-06	0.0	1.95e-04
1019	1	-2.96e-04	-0.05	0.03	1.02e-04	0.0	3.20e-04
1019	4	2.57e-03	-2.57e-03	-0.10	-7.43e-05	0.0	1.87e-04
1019	7	0.06	-0.04	-0.06	4.06e-05	0.0	3.46e-04
1019	8	0.06	-3.14e-03	-0.07	-7.97e-05	0.0	1.46e-04
1019	11	0.02	-0.11	-0.03	2.80e-04	0.0	7.17e-04
1019	15	0.01	-0.02	-0.05	5.46e-06	0.0	2.33e-04
1019	16	0.01	-0.02	-0.05	-1.49e-05	0.0	2.02e-04
1019	19	4.98e-03	-0.03	-0.04	3.03e-05	0.0	2.67e-04
1019	21	-2.28e-04	-0.04	0.02	7.83e-05	0.0	2.46e-04
1019	22	1.45e-03	-0.02	-0.05	-1.33e-05	0.0	2.11e-04
1019	23	-2.28e-04	-0.04	0.02	7.83e-05	0.0	2.46e-04
1019	24	1.27e-03	-0.02	-0.04	-3.08e-06	0.0	2.15e-04
1020	1	5.31e-05	-0.05	0.03	9.74e-05	0.0	3.50e-04
1020	2	1.98e-03	-0.01	-0.09	-5.51e-05	0.0	2.83e-04
1020	4	1.96e-03	4.97e-04	-0.10	-7.76e-05	0.0	2.02e-04
1020	7	0.07	-0.04	-0.06	3.59e-05	0.0	3.83e-04
1020	8	0.07	1.63e-04	-0.07	-8.37e-05	0.0	1.59e-04
1020	11	0.02	-0.12	-0.03	2.75e-04	0.0	7.97e-04
1020	15	0.01	-0.02	-0.05	1.96e-06	0.0	2.55e-04
1020	16	0.01	-0.02	-0.05	-1.83e-05	0.0	2.20e-04
1020	19	5.06e-03	-0.03	-0.04	2.68e-05	0.0	2.92e-04
1020	21	4.08e-05	-0.04	0.02	7.50e-05	0.0	2.69e-04
1020	22	1.19e-03	-0.02	-0.05	-1.66e-05	0.0	2.29e-04
1020	23	4.08e-05	-0.04	0.02	7.50e-05	0.0	2.69e-04
1020	24	1.07e-03	-0.02	-0.04	-6.40e-06	0.0	2.33e-04
1021	1	4.95e-04	-0.06	0.03	9.67e-05	0.0	3.64e-04
1021	2	1.28e-03	-9.51e-03	-0.09	-5.61e-05	0.0	2.93e-04
1021	4	1.17e-03	3.63e-03	-0.10	-7.84e-05	0.0	2.09e-04
1021	6	-0.07	0.02	-0.02	-9.26e-05	0.0	1.22e-04
1021	8	0.07	3.54e-03	-0.07	-8.40e-05	0.0	1.65e-04
1021	11	0.02	-0.14	-0.03	2.77e-04	0.0	8.35e-04
1021	15	0.01	-0.02	-0.05	1.62e-06	0.0	2.65e-04
1021	16	0.01	-0.02	-0.05	-1.89e-05	0.0	2.28e-04
1021	19	5.06e-03	-0.03	-0.04	2.65e-05	0.0	3.04e-04
1021	21	3.81e-04	-0.04	0.02	7.44e-05	0.0	2.80e-04
1021	22	8.54e-04	-0.02	-0.05	-1.73e-05	0.0	2.37e-04
1021	23	3.81e-04	-0.04	0.02	7.44e-05	0.0	2.80e-04
1021	24	8.01e-04	-0.02	-0.04	-7.12e-06	0.0	2.42e-04
1022	2	5.86e-03	-0.01	-0.09	1.97e-05	0.0	2.22e-05
1022	4	6.49e-03	-0.01	-0.10	-4.22e-06	0.0	1.34e-05
1022	8	0.03	-0.01	-0.08	-3.26e-05	0.0	-1.45e-05
1022	11	0.01	-0.02	-0.04	2.20e-04	0.0	7.86e-05
1022	15	8.52e-03	-9.14e-03	-0.05	3.40e-05	0.0	1.76e-05
1022	16	8.58e-03	-8.69e-03	-0.05	2.20e-05	0.0	1.39e-05
1022	22	3.06e-03	-8.06e-03	-0.05	2.94e-05	0.0	1.97e-05
1022	24	2.49e-03	-7.61e-03	-0.04	3.50e-05	0.0	2.08e-05
1023	2	5.05e-03	-0.01	-0.09	6.25e-06	0.0	6.98e-05
1023	4	5.56e-03	-0.01	-0.10	-2.42e-05	0.0	5.27e-05
1023	8	0.04	-0.01	-0.08	-2.99e-05	0.0	1.83e-05
1023	11	0.01	-0.03	-0.04	2.48e-04	0.0	1.77e-04
1023	16	9.16e-03	-9.69e-03	-0.05	2.31e-05	0.0	4.76e-05
1023	19	4.19e-03	-0.01	-0.04	5.62e-05	0.0	6.58e-05
1023	22	2.66e-03	-9.24e-03	-0.05	2.61e-05	0.0	5.44e-05
1023	24	2.17e-03	-9.09e-03	-0.04	3.45e-05	0.0	5.47e-05
1024	1	-1.83e-03	-0.02	0.03	1.34e-04	0.0	1.20e-04
1024	4	4.81e-03	-8.78e-03	-0.10	-4.16e-05	0.0	8.39e-05
1024	8	0.04	-0.01	-0.08	-3.76e-05	0.0	4.92e-05
1024	11	0.01	-0.04	-0.04	2.53e-04	0.0	2.79e-04
1024	16	9.81e-03	-0.01	-0.05	1.55e-05	0.0	8.06e-05
1024	19	4.22e-03	-0.01	-0.04	5.02e-05	0.0	1.06e-04
1024	21	-1.41e-03	-0.01	0.02	1.03e-04	0.0	9.26e-05
1024	22	2.33e-03	-0.01	-0.05	1.64e-05	0.0	8.74e-05
1024	23	-1.41e-03	-0.01	0.02	1.03e-04	0.0	9.26e-05
1024	24	1.91e-03	-0.01	-0.04	2.60e-05	0.0	8.80e-05
1025	1	-1.53e-03	-0.02	0.03	1.23e-04	0.0	1.68e-04
1025	4	4.22e-03	-6.79e-03	-0.10	-5.61e-05	0.0	1.10e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
1025	8	0.05	-8.74e-03	-0.08	-5.01e-05	0.0	7.71e-05
1025	11	0.01	-0.05	-0.04	2.46e-04	0.0	3.82e-04
1025	16	0.01	-0.01	-0.05	3.90e-06	0.0	1.11e-04
1025	19	4.29e-03	-0.02	-0.04	3.97e-05	0.0	1.45e-04
1025	21	-1.18e-03	-0.02	0.02	9.44e-05	0.0	1.29e-04
1025	22	2.06e-03	-0.01	-0.05	4.10e-06	0.0	1.18e-04
1025	23	-1.18e-03	-0.02	0.02	9.44e-05	0.0	1.29e-04
1025	24	1.70e-03	-0.01	-0.04	1.41e-05	0.0	1.19e-04
1026	1	-1.28e-03	-0.03	0.03	1.06e-04	0.0	2.11e-04
1026	4	3.71e-03	-4.27e-03	-0.10	-6.79e-05	0.0	1.32e-04
1026	8	0.05	-6.45e-03	-0.08	-6.37e-05	0.0	1.00e-04
1026	11	0.02	-0.06	-0.04	2.32e-04	0.0	4.81e-04
1026	16	0.01	-0.01	-0.05	-8.31e-06	0.0	1.38e-04
1026	19	4.40e-03	-0.02	-0.04	2.81e-05	0.0	1.80e-04
1026	21	-9.81e-04	-0.02	0.02	8.18e-05	0.0	1.63e-04
1026	22	1.84e-03	-0.01	-0.05	-8.02e-06	0.0	1.44e-04
1026	23	-9.81e-04	-0.02	0.02	8.18e-05	0.0	1.63e-04
1026	24	1.52e-03	-0.01	-0.04	1.96e-06	0.0	1.46e-04
1027	1	-1.03e-03	-0.03	0.03	9.07e-05	0.0	2.49e-04
1027	4	3.25e-03	-1.33e-03	-0.10	-7.71e-05	0.0	1.50e-04
1027	8	0.05	-3.63e-03	-0.08	-7.60e-05	0.0	1.20e-04
1027	11	0.02	-0.07	-0.04	2.17e-04	0.0	5.74e-04
1027	16	0.01	-0.01	-0.05	-1.91e-05	0.0	1.61e-04
1027	19	4.52e-03	-0.02	-0.04	1.77e-05	0.0	2.11e-04
1027	21	-7.89e-04	-0.02	0.02	6.98e-05	0.0	1.92e-04
1027	22	1.63e-03	-9.81e-03	-0.05	-1.83e-05	0.0	1.67e-04
1027	23	-7.89e-04	-0.02	0.02	6.98e-05	0.0	1.92e-04
1027	24	1.36e-03	-0.01	-0.04	-8.54e-06	0.0	1.70e-04
1028	1	-7.59e-04	-0.03	0.03	7.92e-05	0.0	2.81e-04
1028	4	2.76e-03	1.92e-03	-0.10	-8.40e-05	0.0	1.66e-04
1028	7	0.06	-0.03	-0.07	9.43e-06	0.0	3.21e-04
1028	8	0.06	-3.59e-04	-0.08	-8.58e-05	0.0	1.35e-04
1028	11	0.02	-0.07	-0.04	2.05e-04	0.0	6.62e-04
1028	15	0.01	-0.01	-0.05	-1.11e-05	0.0	2.09e-04
1028	16	0.01	-9.22e-03	-0.05	-2.72e-05	0.0	1.81e-04
1028	19	4.64e-03	-0.02	-0.04	9.77e-06	0.0	2.38e-04
1028	21	-5.84e-04	-0.03	0.02	6.09e-05	0.0	2.16e-04
1028	22	1.42e-03	-8.88e-03	-0.05	-2.60e-05	0.0	1.86e-04
1028	23	-5.84e-04	-0.03	0.02	6.09e-05	0.0	2.16e-04
1028	24	1.20e-03	-0.01	-0.04	-1.63e-05	0.0	1.89e-04
1029	1	-4.52e-04	-0.04	0.03	7.26e-05	0.0	3.08e-04
1029	4	2.20e-03	5.40e-03	-0.10	-8.89e-05	0.0	1.80e-04
1029	7	0.06	-0.03	-0.07	1.72e-06	0.0	3.60e-04
1029	8	0.06	3.25e-03	-0.08	-9.26e-05	0.0	1.48e-04
1029	11	0.02	-0.08	-0.04	1.97e-04	0.0	7.44e-04
1029	15	0.01	-0.01	-0.05	-1.65e-05	0.0	2.30e-04
1029	16	0.01	-7.98e-03	-0.05	-3.26e-05	0.0	1.97e-04
1029	19	4.73e-03	-0.02	-0.04	4.53e-06	0.0	2.63e-04
1029	21	-3.48e-04	-0.03	0.02	5.59e-05	0.0	2.37e-04
1029	22	1.18e-03	-7.69e-03	-0.05	-3.10e-05	0.0	2.03e-04
1029	23	-3.48e-04	-0.03	0.02	5.59e-05	0.0	2.37e-04
1029	24	1.01e-03	-9.87e-03	-0.04	-2.14e-05	0.0	2.07e-04
1030	1	-8.17e-05	-0.04	0.03	6.91e-05	0.0	3.34e-04
1030	4	1.50e-03	9.05e-03	-0.10	-9.25e-05	0.0	1.94e-04
1030	6	-0.07	0.02	-0.01	-8.52e-05	0.0	5.41e-05
1030	8	0.07	7.06e-03	-0.08	-9.64e-05	0.0	1.60e-04
1030	11	0.02	-0.09	-0.04	1.92e-04	0.0	8.26e-04
1030	15	0.01	-0.01	-0.05	-1.97e-05	0.0	2.51e-04
1030	16	0.01	-6.57e-03	-0.05	-3.58e-05	0.0	2.14e-04
1030	19	4.77e-03	-0.02	-0.04	1.35e-06	0.0	2.87e-04
1030	21	-6.29e-05	-0.03	0.02	5.32e-05	0.0	2.57e-04
1030	22	8.74e-04	-6.35e-03	-0.05	-3.42e-05	0.0	2.19e-04
1030	23	-6.29e-05	-0.03	0.02	5.32e-05	0.0	2.57e-04
1030	24	7.70e-04	-8.92e-03	-0.04	-2.45e-05	0.0	2.23e-04
1031	1	3.79e-04	-0.04	0.03	6.56e-05	0.0	3.46e-04
1031	2	6.81e-04	3.35e-03	-0.09	-7.98e-05	0.0	2.81e-04
1031	4	5.93e-04	0.01	-0.10	-9.50e-05	0.0	2.01e-04
1031	6	-0.07	0.02	-0.01	-9.28e-05	0.0	5.07e-05
1031	8	0.07	0.01	-0.08	-9.80e-05	0.0	1.66e-04
1031	11	0.02	-0.10	-0.04	1.91e-04	0.0	8.65e-04
1031	15	0.01	-0.01	-0.05	-2.19e-05	0.0	2.61e-04
1031	16	0.01	-5.08e-03	-0.05	-3.81e-05	0.0	2.22e-04
1031	19	4.73e-03	-0.02	-0.04	-1.02e-06	0.0	2.99e-04
1031	21	2.92e-04	-0.03	0.02	5.04e-05	0.0	2.66e-04

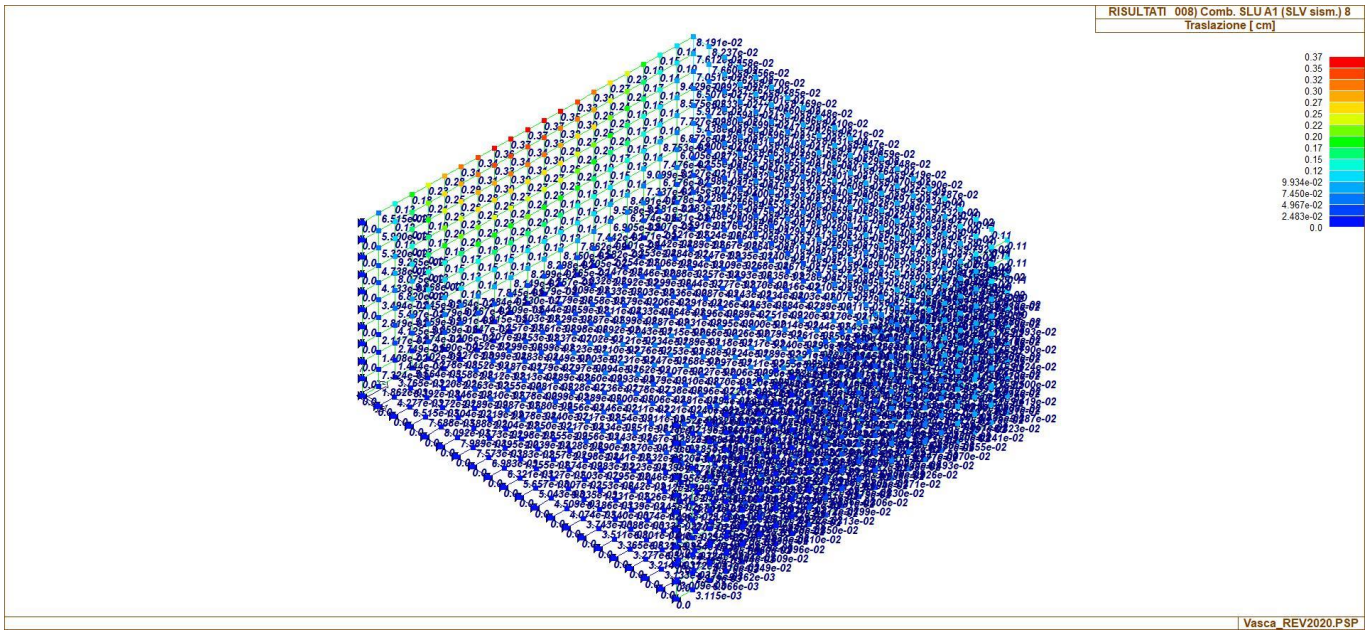
Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
1031	22	4.73e-04	-4.92e-03	-0.05	-3.68e-05	0.0	2.27e-04
1031	23	2.92e-04	-0.03	0.02	5.04e-05	0.0	2.66e-04
1031	24	4.52e-04	-7.88e-03	-0.04	-2.71e-05	0.0	2.32e-04
1032	2	6.08e-03	-0.01	-0.09	-2.87e-05	0.0	1.40e-05
1032	4	6.74e-03	-0.01	-0.10	-4.57e-05	0.0	5.24e-06
1032	7	0.03	-0.02	-0.07	-1.06e-05	0.0	6.16e-06
1032	8	0.03	-0.01	-0.08	-6.56e-05	0.0	-1.99e-05
1032	15	8.59e-03	-8.44e-03	-0.05	-2.37e-06	0.0	1.33e-05
1032	16	8.65e-03	-8.14e-03	-0.05	-1.10e-05	0.0	9.59e-06
1032	22	3.16e-03	-7.25e-03	-0.05	-4.79e-06	0.0	1.48e-05
1032	24	2.56e-03	-6.77e-03	-0.04	2.04e-06	0.0	1.63e-05
1033	2	5.10e-03	-9.66e-03	-0.09	-3.82e-05	0.0	5.73e-05
1033	4	5.65e-03	-8.02e-03	-0.10	-5.84e-05	0.0	4.08e-05
1033	8	0.04	-0.01	-0.08	-6.34e-05	0.0	1.19e-05
1033	11	0.01	-0.02	-0.04	1.43e-04	0.0	1.70e-04
1033	15	9.10e-03	-8.40e-03	-0.05	-1.31e-06	0.0	4.82e-05
1033	16	9.15e-03	-7.73e-03	-0.05	-1.12e-05	0.0	4.10e-05
1033	22	2.65e-03	-7.00e-03	-0.05	-8.11e-06	0.0	4.65e-05
1033	24	2.15e-03	-6.83e-03	-0.04	0.0	0.0	4.74e-05
1034	1	-2.05e-03	-0.01	0.03	8.66e-05	0.0	1.12e-04
1034	4	4.81e-03	-5.38e-03	-0.10	-7.00e-05	0.0	6.84e-05
1034	8	0.04	-8.41e-03	-0.08	-6.84e-05	0.0	4.14e-05
1034	11	0.01	-0.03	-0.04	1.46e-04	0.0	2.68e-04
1034	16	9.73e-03	-7.15e-03	-0.05	-1.69e-05	0.0	7.08e-05
1034	19	4.13e-03	-8.78e-03	-0.04	1.01e-05	0.0	9.48e-05
1034	21	-1.58e-03	-8.17e-03	0.02	6.66e-05	0.0	8.60e-05
1034	22	2.25e-03	-6.50e-03	-0.05	-1.53e-05	0.0	7.54e-05
1034	23	-1.58e-03	-8.17e-03	0.02	6.66e-05	0.0	8.60e-05
1034	24	1.83e-03	-6.68e-03	-0.04	-6.23e-06	0.0	7.66e-05
1035	1	-1.76e-03	-0.01	0.03	7.83e-05	0.0	1.51e-04
1035	4	4.14e-03	-2.33e-03	-0.10	-7.96e-05	0.0	9.12e-05
1035	8	0.05	-5.50e-03	-0.08	-7.64e-05	0.0	6.74e-05
1035	11	0.01	-0.03	-0.04	1.41e-04	0.0	3.66e-04
1035	16	0.01	-6.27e-03	-0.05	-2.47e-05	0.0	9.76e-05
1035	19	4.16e-03	-8.99e-03	-0.04	2.89e-06	0.0	1.29e-04
1035	21	-1.36e-03	-0.01	0.02	6.02e-05	0.0	1.16e-04
1035	22	1.94e-03	-5.66e-03	-0.05	-2.37e-05	0.0	1.01e-04
1035	23	-1.36e-03	-0.01	0.02	6.02e-05	0.0	1.16e-04
1035	24	1.57e-03	-6.21e-03	-0.04	-1.44e-05	0.0	1.03e-04
1036	1	-1.50e-03	-0.02	0.03	6.78e-05	0.0	1.85e-04
1036	4	3.58e-03	1.07e-03	-0.10	-8.74e-05	0.0	1.10e-04
1036	8	0.05	-2.24e-03	-0.08	-8.51e-05	0.0	8.89e-05
1036	11	0.02	-0.04	-0.04	1.32e-04	0.0	4.60e-04
1036	16	0.01	-5.07e-03	-0.05	-3.26e-05	0.0	1.21e-04
1036	19	4.24e-03	-8.89e-03	-0.04	-4.57e-06	0.0	1.59e-04
1036	21	-1.16e-03	-0.01	0.02	5.22e-05	0.0	1.43e-04
1036	22	1.68e-03	-4.49e-03	-0.05	-3.16e-05	0.0	1.23e-04
1036	23	-1.16e-03	-0.01	0.02	5.22e-05	0.0	1.43e-04
1036	24	1.37e-03	-5.41e-03	-0.04	-2.23e-05	0.0	1.25e-04
1037	1	-1.24e-03	-0.02	0.03	5.87e-05	0.0	2.14e-04
1037	4	3.05e-03	4.73e-03	-0.10	-9.36e-05	0.0	1.26e-04
1037	8	0.05	1.36e-03	-0.08	-9.31e-05	0.0	1.06e-04
1037	11	0.02	-0.04	-0.04	1.23e-04	0.0	5.50e-04
1037	16	0.01	-3.57e-03	-0.05	-3.94e-05	0.0	1.40e-04
1037	19	4.34e-03	-8.52e-03	-0.04	-1.10e-05	0.0	1.86e-04
1037	21	-9.56e-04	-0.01	0.02	4.52e-05	0.0	1.64e-04
1037	22	1.45e-03	-3.03e-03	-0.05	-3.81e-05	0.0	1.41e-04
1037	23	-9.56e-04	-0.01	0.02	4.52e-05	0.0	1.64e-04
1037	24	1.18e-03	-4.32e-03	-0.04	-2.88e-05	0.0	1.44e-04
1038	1	-9.64e-04	-0.02	0.03	5.29e-05	0.0	2.37e-04
1038	4	2.51e-03	8.61e-03	-0.10	-9.85e-05	0.0	1.39e-04
1038	7	0.06	-0.01	-0.07	-3.24e-05	0.0	3.06e-04
1038	8	0.06	5.25e-03	-0.08	-9.97e-05	0.0	1.20e-04
1038	11	0.02	-0.05	-0.04	1.17e-04	0.0	6.34e-04
1038	16	0.01	-1.84e-03	-0.05	-4.45e-05	0.0	1.56e-04
1038	19	4.44e-03	-7.92e-03	-0.04	-1.57e-05	0.0	2.10e-04
1038	21	-7.42e-04	-0.02	0.02	4.07e-05	0.0	1.82e-04
1038	22	1.21e-03	-1.35e-03	-0.05	-4.28e-05	0.0	1.56e-04
1038	23	-7.42e-04	-0.02	0.02	4.07e-05	0.0	1.82e-04
1038	24	9.94e-04	-3.01e-03	-0.04	-3.35e-05	0.0	1.59e-04
1039	1	-6.46e-04	-0.02	0.03	5.00e-05	0.0	2.55e-04
1039	4	1.89e-03	0.01	-0.10	-1.02e-04	0.0	1.52e-04
1039	6	-0.06	0.02	-9.05e-03	-6.83e-05	0.0	-4.00e-05
1039	8	0.06	9.36e-03	-0.08	-1.05e-04	0.0	1.32e-04

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
1039	11	0.02	-0.05	-0.04	1.13e-04	0.0	7.14e-04
1039	15	0.01	-3.31e-03	-0.05	-3.63e-05	0.0	2.02e-04
1039	16	0.01	5.43e-05	-0.05	-4.80e-05	0.0	1.69e-04
1039	19	4.51e-03	-7.18e-03	-0.04	-1.88e-05	0.0	2.31e-04
1039	21	-4.97e-04	-0.02	0.02	3.84e-05	0.0	1.97e-04
1039	22	9.38e-04	4.74e-04	-0.05	-4.61e-05	0.0	1.70e-04
1039	23	-4.97e-04	-0.02	0.02	3.84e-05	0.0	1.97e-04
1039	24	7.78e-04	-1.56e-03	-0.04	-3.67e-05	0.0	1.73e-04
1040	1	-2.65e-04	-0.03	0.03	4.67e-05	0.0	2.74e-04
1040	4	1.14e-03	0.02	-0.10	-1.06e-04	0.0	1.64e-04
1040	6	-0.07	0.02	-9.02e-03	-7.27e-05	0.0	-5.89e-05
1040	8	0.07	0.01	-0.08	-1.08e-04	0.0	1.43e-04
1040	11	0.02	-0.06	-0.04	1.10e-04	0.0	7.94e-04
1040	15	0.01	-1.77e-03	-0.05	-3.95e-05	0.0	2.20e-04
1040	16	0.01	2.06e-03	-0.05	-5.13e-05	0.0	1.83e-04
1040	20	4.45e-03	6.43e-03	-0.05	-6.12e-05	0.0	1.29e-04
1040	21	-2.04e-04	-0.02	0.02	3.59e-05	0.0	2.10e-04
1040	22	6.03e-04	2.41e-03	-0.05	-4.94e-05	0.0	1.83e-04
1040	23	-2.04e-04	-0.02	0.02	3.59e-05	0.0	2.10e-04
1040	24	5.13e-04	4.97e-06	-0.04	-3.99e-05	0.0	1.86e-04
1041	1	1.99e-04	-0.03	0.03	3.92e-05	0.0	2.82e-04
1041	2	2.17e-04	0.02	-0.09	-1.02e-04	0.0	2.36e-04
1041	4	1.71e-04	0.02	-0.10	-1.11e-04	0.0	1.70e-04
1041	6	-0.07	0.02	-8.96e-03	-8.47e-05	0.0	-6.66e-05
1041	8	0.07	0.02	-0.08	-1.12e-04	0.0	1.48e-04
1041	11	0.02	-0.06	-0.04	1.04e-04	0.0	8.31e-04
1041	15	0.01	-8.83e-05	-0.05	-4.40e-05	0.0	2.28e-04
1041	16	0.01	4.21e-03	-0.05	-5.57e-05	0.0	1.90e-04
1041	20	4.33e-03	8.98e-03	-0.05	-6.60e-05	0.0	1.33e-04
1041	21	1.53e-04	-0.02	0.02	3.02e-05	0.0	2.17e-04
1041	22	1.64e-04	4.49e-03	-0.05	-5.44e-05	0.0	1.89e-04
1041	23	1.53e-04	-0.02	0.02	3.02e-05	0.0	2.17e-04
1041	24	1.63e-04	1.71e-03	-0.04	-4.50e-05	0.0	1.92e-04
1042	2	6.19e-03	-0.01	-0.09	-6.90e-05	0.0	-2.54e-06
1042	4	6.89e-03	-0.01	-0.10	-8.01e-05	0.0	-9.31e-06
1042	7	0.03	-0.02	-0.08	-6.25e-05	0.0	-6.86e-06
1042	8	0.03	-0.01	-0.08	-9.56e-05	0.0	-3.08e-05
1042	15	8.61e-03	-8.02e-03	-0.05	-3.39e-05	0.0	2.59e-06
1042	16	8.68e-03	-7.88e-03	-0.05	-3.94e-05	0.0	0.0
1042	22	3.20e-03	-6.76e-03	-0.05	-3.33e-05	0.0	3.45e-06
1042	24	2.58e-03	-6.22e-03	-0.04	-2.55e-05	0.0	5.57e-06
1043	2	5.07e-03	-7.63e-03	-0.09	-7.42e-05	0.0	2.91e-05
1043	4	5.67e-03	-6.63e-03	-0.10	-8.64e-05	0.0	1.70e-05
1043	7	0.04	-0.01	-0.08	-5.71e-05	0.0	4.01e-05
1043	8	0.04	-0.01	-0.08	-9.37e-05	0.0	-4.83e-06
1043	15	9.04e-03	-6.62e-03	-0.05	-3.37e-05	0.0	2.93e-05
1043	16	9.10e-03	-6.24e-03	-0.05	-3.98e-05	0.0	2.29e-05
1043	22	2.60e-03	-5.31e-03	-0.05	-3.55e-05	0.0	2.63e-05
1043	24	2.09e-03	-5.09e-03	-0.04	-2.70e-05	0.0	2.79e-05
1044	1	-2.27e-03	-6.29e-03	0.03	5.19e-05	0.0	7.77e-05
1044	4	4.76e-03	-2.94e-03	-0.10	-9.31e-05	0.0	3.68e-05
1044	8	0.04	-6.94e-03	-0.08	-9.58e-05	0.0	1.89e-05
1044	11	0.01	-0.01	-0.04	4.61e-05	0.0	2.21e-04
1044	16	9.63e-03	-4.50e-03	-0.05	-4.32e-05	0.0	4.44e-05
1044	19	4.02e-03	-5.18e-03	-0.04	-2.29e-05	0.0	6.45e-05
1044	21	-1.75e-03	-4.84e-03	0.02	3.99e-05	0.0	5.98e-05
1044	22	2.16e-03	-3.70e-03	-0.05	-3.99e-05	0.0	4.60e-05
1044	23	-1.75e-03	-4.84e-03	0.02	3.99e-05	0.0	5.98e-05
1044	24	1.72e-03	-3.83e-03	-0.04	-3.10e-05	0.0	4.75e-05
1045	1	-2.00e-03	-8.11e-03	0.03	4.78e-05	0.0	1.00e-04
1045	4	4.05e-03	9.60e-04	-0.10	-9.86e-05	0.0	5.29e-05
1045	8	0.05	-3.00e-03	-0.08	-9.96e-05	0.0	3.96e-05
1045	11	0.01	-0.02	-0.04	4.28e-05	0.0	3.05e-04
1045	16	0.01	-2.61e-03	-0.05	-4.73e-05	0.0	6.31e-05
1045	19	4.03e-03	-4.09e-03	-0.04	-2.68e-05	0.0	8.87e-05
1045	21	-1.54e-03	-6.23e-03	0.02	3.67e-05	0.0	7.72e-05
1045	22	1.81e-03	-1.92e-03	-0.05	-4.45e-05	0.0	6.27e-05
1045	23	-1.54e-03	-6.23e-03	0.02	3.67e-05	0.0	7.72e-05
1045	24	1.44e-03	-2.40e-03	-0.04	-3.54e-05	0.0	6.43e-05
1046	1	-1.75e-03	-9.74e-03	0.03	4.31e-05	0.0	1.18e-04
1046	4	3.45e-03	5.05e-03	-0.10	-1.03e-04	0.0	6.63e-05
1046	8	0.05	1.10e-03	-0.08	-1.04e-04	0.0	5.67e-05
1046	11	0.02	-0.02	-0.04	3.83e-05	0.0	3.86e-04
1046	16	0.01	-5.62e-04	-0.05	-5.14e-05	0.0	7.86e-05

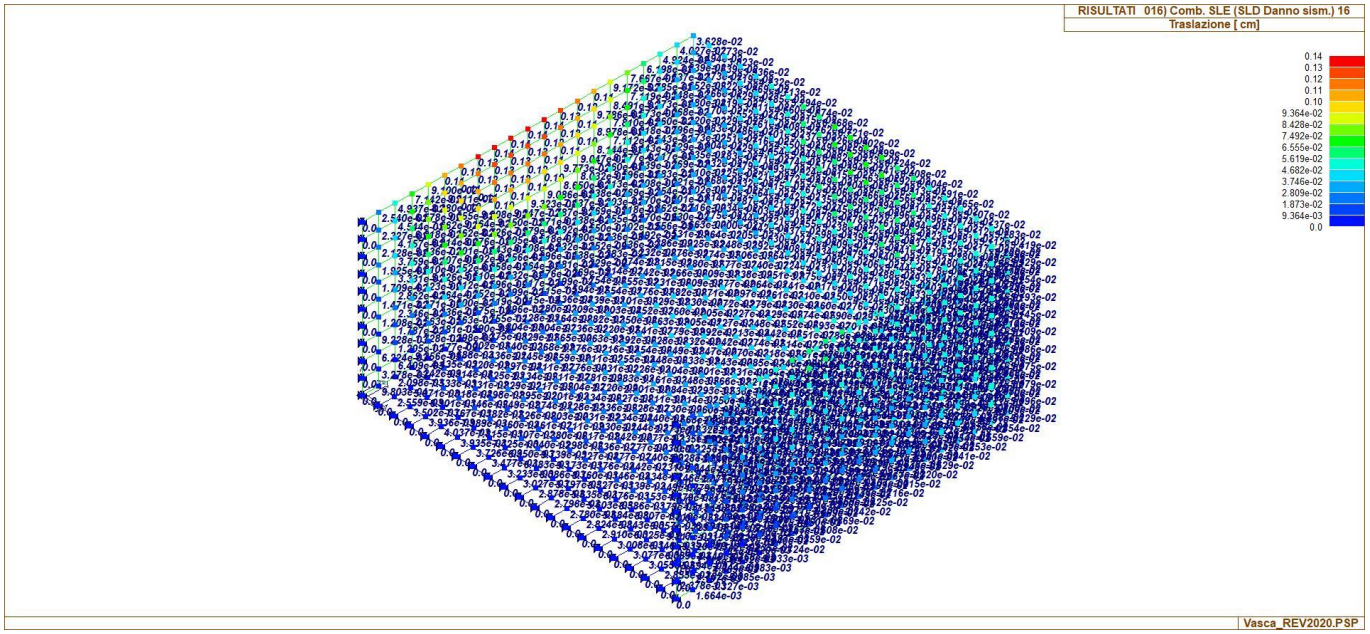
Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
1046	19	4.09e-03	-2.85e-03	-0.04	-3.07e-05	0.0	1.10e-04
1046	21	-1.34e-03	-7.49e-03	0.02	3.32e-05	0.0	9.11e-05
1046	22	1.53e-03	3.12e-05	-0.05	-4.87e-05	0.0	7.62e-05
1046	23	-1.34e-03	-7.49e-03	0.02	3.32e-05	0.0	9.11e-05
1046	24	1.21e-03	-8.05e-04	-0.04	-3.96e-05	0.0	7.79e-05
1047	1	-1.48e-03	-0.01	0.03	3.95e-05	0.0	1.32e-04
1047	4	2.90e-03	9.29e-03	-0.10	-1.07e-04	0.0	7.77e-05
1047	8	0.05	5.36e-03	-0.08	-1.08e-04	0.0	7.07e-05
1047	11	0.02	-0.02	-0.04	3.42e-05	0.0	4.63e-04
1047	16	0.01	1.63e-03	-0.05	-5.51e-05	0.0	9.15e-05
1047	18	-2.14e-03	3.34e-03	-0.04	-5.20e-05	0.0	4.85e-05
1047	21	-1.14e-03	-8.63e-03	0.02	3.04e-05	0.0	1.01e-04
1047	22	1.29e-03	2.12e-03	-0.05	-5.22e-05	0.0	8.72e-05
1047	23	-1.14e-03	-8.63e-03	0.02	3.04e-05	0.0	1.01e-04
1047	24	1.02e-03	9.29e-04	-0.04	-4.30e-05	0.0	8.88e-05
1048	4	2.32e-03	0.01	-0.10	-1.11e-04	0.0	8.81e-05
1048	5	-0.06	3.81e-04	2.84e-03	3.61e-06	0.0	1.13e-05
1048	8	0.06	9.78e-03	-0.08	-1.13e-04	0.0	8.24e-05
1048	11	0.02	-0.02	-0.04	3.19e-05	0.0	5.37e-04
1048	16	0.01	3.94e-03	-0.05	-5.79e-05	0.0	1.02e-04
1048	20	4.27e-03	5.73e-03	-0.05	-5.99e-05	0.0	6.00e-05
1048	21	-9.17e-04	-9.70e-03	0.02	2.91e-05	0.0	1.09e-04
1048	22	1.03e-03	4.33e-03	-0.05	-5.49e-05	0.0	9.64e-05
1048	23	-9.17e-04	-9.70e-03	0.02	2.91e-05	0.0	1.09e-04
1048	24	8.12e-04	2.77e-03	-0.04	-4.56e-05	0.0	9.78e-05
1049	4	1.67e-03	0.02	-0.10	-1.14e-04	0.0	9.79e-05
1049	6	-0.06	0.01	-3.81e-03	-3.63e-05	0.0	-1.94e-04
1049	8	0.06	0.01	-0.08	-1.16e-04	0.0	9.28e-05
1049	9	-0.02	-0.02	-0.01	5.61e-05	0.0	5.23e-04
1049	15	0.01	4.32e-03	-0.05	-5.29e-05	0.0	1.42e-04
1049	16	0.01	6.33e-03	-0.05	-6.01e-05	0.0	1.12e-04
1049	20	4.28e-03	8.22e-03	-0.05	-6.22e-05	0.0	6.24e-05
1049	21	-6.72e-04	-0.01	0.02	2.90e-05	0.0	1.15e-04
1049	22	7.32e-04	6.62e-03	-0.05	-5.70e-05	0.0	1.05e-04
1049	23	-6.72e-04	-0.01	0.02	2.90e-05	0.0	1.15e-04
1049	24	5.76e-04	4.69e-03	-0.04	-4.74e-05	0.0	1.06e-04
1050	4	8.93e-04	0.02	-0.10	-1.18e-04	0.0	1.08e-04
1050	6	-0.07	0.01	-3.82e-03	-4.33e-05	0.0	-2.30e-04
1050	8	0.07	0.02	-0.08	-1.20e-04	0.0	1.03e-04
1050	9	-0.02	-0.02	-0.01	5.42e-05	0.0	5.82e-04
1050	15	0.01	6.50e-03	-0.05	-5.60e-05	0.0	1.56e-04
1050	16	0.01	8.80e-03	-0.05	-6.34e-05	0.0	1.22e-04
1050	20	4.24e-03	0.01	-0.05	-6.58e-05	0.0	6.47e-05
1050	21	-3.82e-04	-0.01	0.02	2.66e-05	0.0	1.20e-04
1050	22	3.83e-04	8.98e-03	-0.05	-6.04e-05	0.0	1.13e-04
1050	23	-3.82e-04	-0.01	0.02	2.66e-05	0.0	1.20e-04
1050	24	2.98e-04	6.66e-03	-0.04	-5.08e-05	0.0	1.14e-04
1051	2	-8.70e-05	0.02	-0.09	-1.20e-04	0.0	1.50e-04
1051	4	-7.92e-05	0.03	-0.10	-1.25e-04	0.0	1.13e-04
1051	6	-0.07	0.02	-3.76e-03	-6.23e-05	0.0	-2.49e-04
1051	8	0.07	0.02	-0.08	-1.25e-04	0.0	1.08e-04
1051	9	-0.02	-0.03	-0.01	3.87e-05	0.0	6.10e-04
1051	14	-0.01	8.84e-03	-0.03	-5.45e-05	0.0	7.19e-05
1051	16	0.01	0.01	-0.05	-7.03e-05	0.0	1.26e-04
1051	20	4.12e-03	0.01	-0.05	-7.32e-05	0.0	6.52e-05
1051	21	-2.61e-05	-0.01	0.02	1.70e-05	0.0	1.21e-04
1051	22	-5.80e-05	0.01	-0.05	-6.83e-05	0.0	1.17e-04
1051	23	-2.61e-05	-0.01	0.02	1.70e-05	0.0	1.21e-04
1051	24	-5.44e-05	8.84e-03	-0.04	-5.88e-05	0.0	1.17e-04
Nodo		**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
		-0.35	-0.26	-0.17	-6.60e-04	-9.10e-04	-1.51e-03
		0.37	0.03	0.17	7.90e-04	9.75e-04	1.41e-03



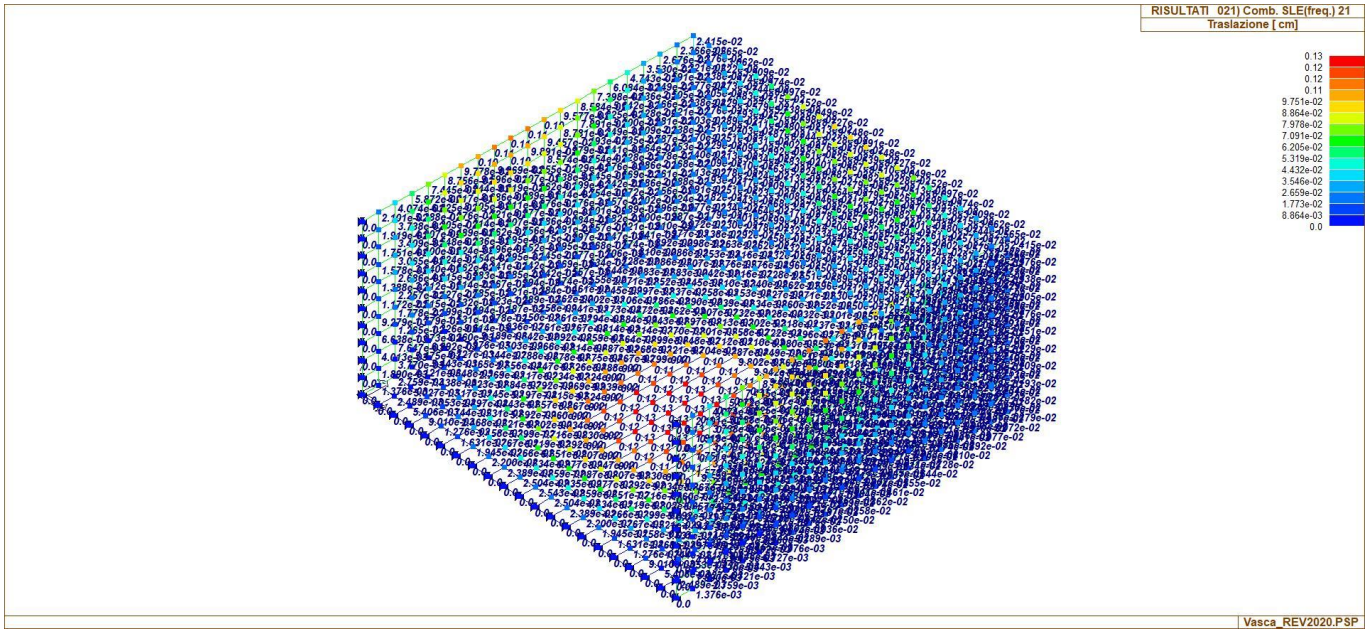
41_RIS_SPOSTAMENTI_001_Comb. SLU A1 1



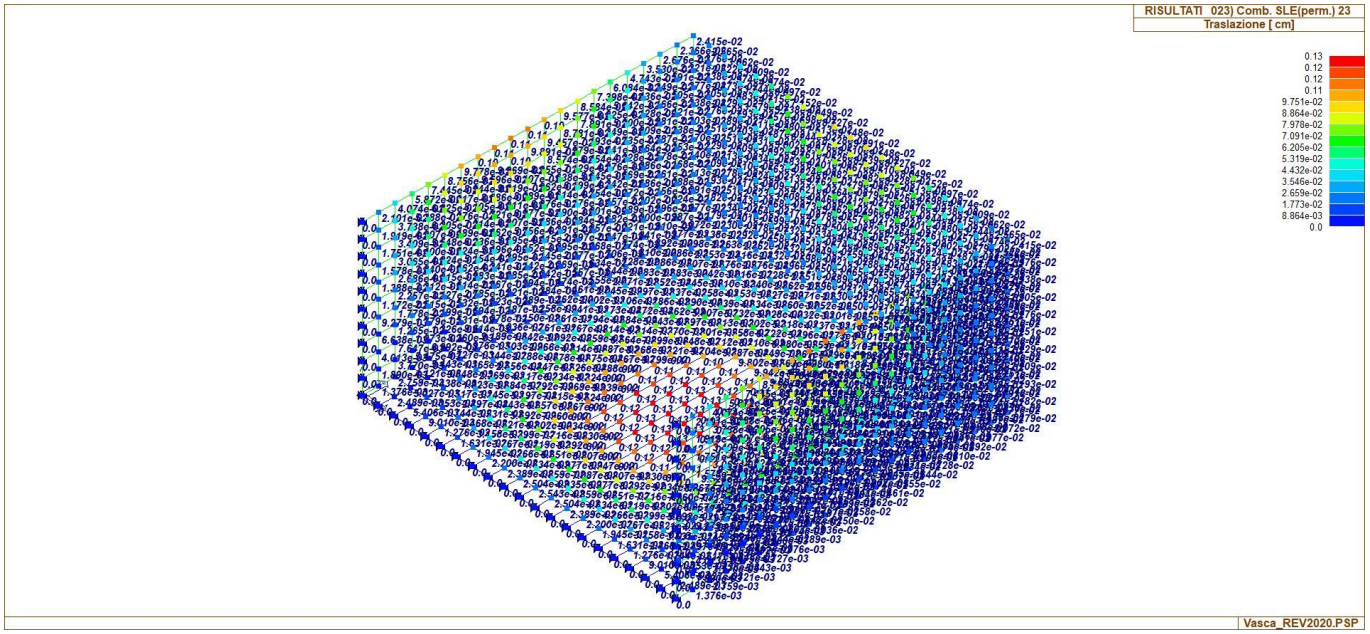
41_RIS_SPOSTAMENTI_008_Comb. SLU A1 (SLV sism.) 8



41_RIS_SPOSTAMENTI_016_Comb. SLE (SLD Danno sism.) 16



41_RIS_SPOSTAMENTI_021_Comb. SLE(freq.) 21



41_RIS_SPOSTAMENTI_023_Comb. SLE(perm.) 23

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	Codice identificativo del nome assegnato al plinto
area	area dell'impronta del plinto
Wink O **Wink V**	coefficienti di Winkler (orizzontale e verticale) adottati
Comb	Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)	valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Settembre 2014, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
105	PLINTO SUPERFICIALE
106	PLINTO SUPERFICIALE
107	PLINTO SUPERFICIALE
108	PLINTO SUPERFICIALE
109	PLINTO SUPERFICIALE
110	PLINTO SUPERFICIALE
111	PLINTO SUPERFICIALE
112	PLINTO SUPERFICIALE
113	PLINTO SUPERFICIALE
114	PLINTO SUPERFICIALE
115	PLINTO SUPERFICIALE
116	PLINTO SUPERFICIALE
117	PLINTO SUPERFICIALE
118	PLINTO SUPERFICIALE
119	PLINTO SUPERFICIALE
120	PLINTO SUPERFICIALE
121	PLINTO SUPERFICIALE
122	PLINTO SUPERFICIALE
123	PLINTO SUPERFICIALE
124	FONDAZIONE NASTRIFORME
125	CALCOLO DEI K DI WINKLER

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2
1	0.0	0.0	0.0	0.0	0.0						
2	0.0	0.0	0.0	0.0	0.0						
3	-4.62e-03	-2.82e-03	-1.73e-03	-2.09e-03	-1.67e-03						
4	-1.71e-03	-1.07e-03	-6.93e-04	-7.51e-04	-5.91e-04						
5	0.0	0.0	0.0	0.0	0.0						
6	-7.53e-03	-4.47e-03	-2.41e-03	-3.01e-03	-2.25e-03						
7	0.0	0.0	0.0	0.0	0.0						
8	-0.01	-5.31e-03	-2.72e-03	-3.62e-03	-2.52e-03						
9	0.0	0.0	0.0	0.0	0.0						
10	-0.01	-5.61e-03	-2.80e-03	-4.01e-03	-2.57e-03						
11	0.0	0.0	0.0	0.0	0.0						
12	-0.01	-5.54e-03	-2.73e-03	-4.26e-03	-2.52e-03						
13	0.0	0.0	0.0	0.0	0.0						
14	-0.02	-5.26e-03	-2.59e-03	-4.40e-03	-2.40e-03						
15	0.0	0.0	0.0	0.0	0.0						
16	-0.02	-4.87e-03	-2.41e-03	-4.47e-03	-2.26e-03						
17	0.0	0.0	0.0	0.0	0.0						
18	-0.02	-4.43e-03	-2.25e-03	-4.50e-03	-2.14e-03						
19	0.0	0.0	0.0	0.0	0.0						
20	-0.02	-3.97e-03	-2.10e-03	-4.50e-03	-2.05e-03						
21	0.0	0.0	0.0	0.0	0.0						
22	-0.02	-3.54e-03	-2.01e-03	-4.47e-03	-2.00e-03						
23	0.0	0.0	0.0	0.0	0.0						
24	-0.02	-3.91e-03	-2.04e-03	-4.43e-03	-1.99e-03						
25	0.0	0.0	0.0	0.0	0.0						
26	-0.02	-4.31e-03	-2.13e-03	-4.37e-03	-2.03e-03						
27	0.0	0.0	0.0	0.0	0.0						
28	-0.02	-4.71e-03	-2.25e-03	-4.28e-03	-2.10e-03						
29	0.0	0.0	0.0	0.0	0.0						
30	-0.02	-5.05e-03	-2.38e-03	-4.16e-03	-2.19e-03						
31	0.0	0.0	0.0	0.0	0.0						
32	-0.01	-5.30e-03	-2.49e-03	-3.99e-03	-2.27e-03						

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
33	0.0	0.0	0.0	0.0	0.0						
34	-0.01	-5.35e-03	-2.54e-03	-3.73e-03	-2.32e-03						
35	0.0	0.0	0.0	0.0	0.0						
36	-9.78e-03	-5.07e-03	-2.48e-03	-3.34e-03	-2.27e-03						
37	0.0	0.0	0.0	0.0	0.0						
38	-7.16e-03	-4.27e-03	-2.21e-03	-2.79e-03	-2.06e-03						
39	0.0	0.0	0.0	0.0	0.0						
40	-4.44e-03	-2.72e-03	-1.63e-03	-1.98e-03	-1.57e-03						
41	0.0	0.0	0.0	0.0	0.0						
42	-1.82e-03	-1.13e-03	-7.53e-04	-8.19e-04	-6.51e-04						
43	-9.24e-03	-5.45e-03	-3.42e-03	-4.17e-03	-3.32e-03						
44	-3.76e-03	-2.38e-03	-1.52e-03	-1.65e-03	-1.29e-03						
45	-0.01	-8.69e-03	-4.75e-03	-5.93e-03	-4.46e-03						
46	-0.02	-0.01	-5.37e-03	-7.13e-03	-4.98e-03						
47	-0.02	-0.01	-5.54e-03	-7.91e-03	-5.11e-03						
48	-0.03	-0.01	-5.42e-03	-8.40e-03	-5.01e-03						
49	-0.03	-0.01	-5.15e-03	-8.69e-03	-4.79e-03						
50	-0.03	-9.64e-03	-4.83e-03	-8.84e-03	-4.54e-03						
51	-0.04	-8.78e-03	-4.51e-03	-8.89e-03	-4.30e-03						
52	-0.04	-7.91e-03	-4.23e-03	-8.89e-03	-4.12e-03						
53	-0.04	-7.07e-03	-4.04e-03	-8.84e-03	-4.02e-03						
54	-0.04	-7.79e-03	-4.12e-03	-8.76e-03	-4.01e-03						
55	-0.04	-8.56e-03	-4.28e-03	-8.64e-03	-4.08e-03						
56	-0.03	-9.32e-03	-4.50e-03	-8.47e-03	-4.21e-03						
57	-0.03	-9.97e-03	-4.74e-03	-8.23e-03	-4.38e-03						
58	-0.03	-0.01	-4.95e-03	-7.87e-03	-4.54e-03						
59	-0.02	-0.01	-5.05e-03	-7.36e-03	-4.62e-03						
60	-0.02	-9.91e-03	-4.91e-03	-6.60e-03	-4.51e-03						
61	-0.01	-8.31e-03	-4.38e-03	-5.52e-03	-4.09e-03						
62	-8.90e-03	-5.26e-03	-3.24e-03	-3.96e-03	-3.14e-03						
63	-4.01e-03	-2.51e-03	-1.65e-03	-1.79e-03	-1.42e-03						
64	-0.01	-7.83e-03	-5.09e-03	-6.25e-03	-4.99e-03						
65	-6.03e-03	-3.96e-03	-2.48e-03	-2.65e-03	-2.09e-03						
66	-0.02	-0.01	-7.01e-03	-8.77e-03	-6.62e-03						
67	-0.03	-0.02	-7.93e-03	-0.01	-7.39e-03						
68	-0.04	-0.02	-8.20e-03	-0.01	-7.60e-03						
69	-0.04	-0.02	-8.05e-03	-0.01	-7.47e-03						
70	-0.05	-0.02	-7.68e-03	-0.01	-7.17e-03						
71	-0.05	-0.01	-7.22e-03	-0.01	-6.81e-03						
72	-0.05	-0.01	-6.77e-03	-0.01	-6.48e-03						
73	-0.05	-0.01	-6.38e-03	-0.01	-6.23e-03						
74	-0.05	-0.01	-6.12e-03	-0.01	-6.08e-03						
75	-0.05	-0.01	-6.22e-03	-0.01	-6.06e-03						
76	-0.05	-0.01	-6.45e-03	-0.01	-6.16e-03						
77	-0.05	-0.01	-6.76e-03	-0.01	-6.34e-03						
78	-0.05	-0.01	-7.09e-03	-0.01	-6.58e-03						
79	-0.04	-0.02	-7.38e-03	-0.01	-6.80e-03						
80	-0.03	-0.02	-7.49e-03	-0.01	-6.89e-03						
81	-0.03	-0.01	-7.27e-03	-9.75e-03	-6.73e-03						
82	-0.02	-0.01	-6.49e-03	-8.18e-03	-6.10e-03						
83	-0.01	-7.59e-03	-4.85e-03	-5.97e-03	-4.75e-03						
84	-6.45e-03	-4.18e-03	-2.70e-03	-2.90e-03	-2.31e-03						
85	-0.02	-9.90e-03	-6.73e-03	-8.29e-03	-6.64e-03						
86	-8.50e-03	-5.80e-03	-3.58e-03	-3.78e-03	-2.99e-03						
87	-0.03	-0.02	-9.16e-03	-0.01	-8.72e-03						
88	-0.04	-0.02	-0.01	-0.01	-9.71e-03						
89	-0.05	-0.02	-0.01	-0.02	-0.01						
90	-0.05	-0.02	-0.01	-0.02	-9.87e-03						
91	-0.06	-0.02	-0.01	-0.02	-9.51e-03						
92	-0.06	-0.02	-9.59e-03	-0.02	-9.07e-03						
93	-0.07	-0.02	-9.03e-03	-0.02	-8.66e-03						
94	-0.07	-0.02	-8.54e-03	-0.02	-8.35e-03						
95	-0.07	-0.01	-8.22e-03	-0.02	-8.17e-03						
96	-0.07	-0.02	-8.33e-03	-0.02	-8.14e-03						
97	-0.07	-0.02	-8.62e-03	-0.02	-8.25e-03						
98	-0.06	-0.02	-9.00e-03	-0.02	-8.48e-03						
99	-0.06	-0.02	-9.41e-03	-0.02	-8.77e-03						
100	-0.05	-0.02	-9.75e-03	-0.02	-9.03e-03						
101	-0.04	-0.02	-9.86e-03	-0.01	-9.13e-03						
102	-0.04	-0.02	-9.55e-03	-0.01	-8.90e-03						
103	-0.03	-0.02	-8.53e-03	-0.01	-8.08e-03						
104	-0.02	-9.63e-03	-6.46e-03	-7.99e-03	-6.37e-03						
105	-9.12e-03	-6.13e-03	-3.91e-03	-4.14e-03	-3.32e-03						
106	-0.02	-0.01	-8.40e-03	-0.01	-8.27e-03						

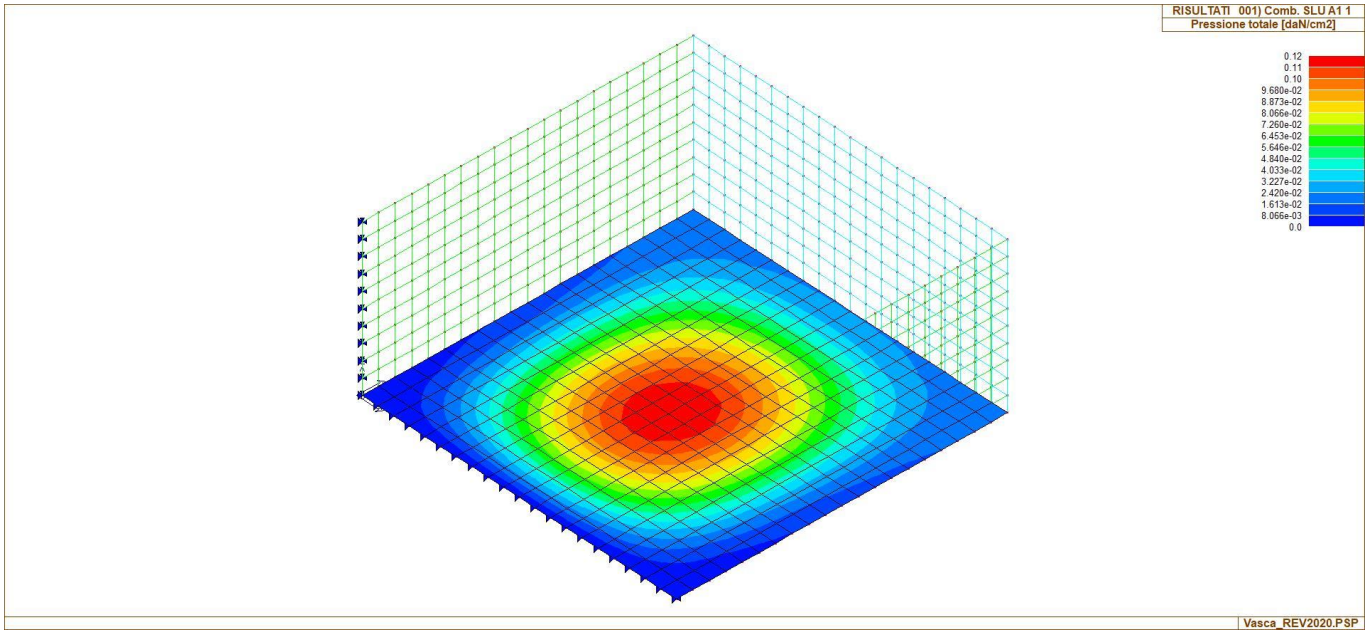
Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
107	-0.01	-7.91e-03	-4.81e-03	-5.02e-03	-3.99e-03						
108	-0.03	-0.02	-0.01	-0.01	-0.01						
109	-0.04	-0.02	-0.01	-0.02	-0.01						
110	-0.05	-0.02	-0.01	-0.02	-0.01						
111	-0.06	-0.02	-0.01	-0.02	-0.01						
112	-0.07	-0.02	-0.01	-0.02	-0.01						
113	-0.08	-0.02	-0.01	-0.02	-0.01						
114	-0.08	-0.02	-0.01	-0.02	-0.01						
115	-0.08	-0.02	-0.01	-0.02	-0.01						
116	-0.08	-0.02	-0.01	-0.02	-0.01						
117	-0.08	-0.02	-0.01	-0.02	-0.01						
118	-0.08	-0.02	-0.01	-0.02	-0.01						
119	-0.08	-0.02	-0.01	-0.02	-0.01						
120	-0.07	-0.02	-0.01	-0.02	-0.01						
121	-0.06	-0.02	-0.01	-0.02	-0.01						
122	-0.05	-0.02	-0.01	-0.02	-0.01						
123	-0.04	-0.02	-0.01	-0.02	-0.01						
124	-0.03	-0.02	-0.01	-0.01	-0.01						
125	-0.02	-0.01	-8.14e-03	-0.01	-8.00e-03						
126	-0.01	-8.36e-03	-5.26e-03	-5.52e-03	-4.44e-03						
127	-0.03	-0.01	-0.01	-0.01	-9.87e-03						
128	-0.01	-0.01	-6.17e-03	-6.36e-03	-5.09e-03						
129	-0.04	-0.02	-0.01	-0.02	-0.01						
130	-0.05	-0.03	-0.01	-0.02	-0.01						
131	-0.06	-0.03	-0.02	-0.02	-0.01						
132	-0.07	-0.03	-0.02	-0.02	-0.01						
133	-0.08	-0.03	-0.01	-0.02	-0.01						
134	-0.09	-0.03	-0.01	-0.02	-0.01						
135	-0.09	-0.02	-0.01	-0.02	-0.01						
136	-0.09	-0.02	-0.01	-0.02	-0.01						
137	-0.09	-0.02	-0.01	-0.02	-0.01						
138	-0.09	-0.02	-0.01	-0.02	-0.01						
139	-0.09	-0.02	-0.01	-0.02	-0.01						
140	-0.09	-0.03	-0.01	-0.02	-0.01						
141	-0.08	-0.03	-0.01	-0.02	-0.01						
142	-0.07	-0.03	-0.01	-0.02	-0.01						
143	-0.06	-0.03	-0.01	-0.02	-0.01						
144	-0.05	-0.03	-0.01	-0.02	-0.01						
145	-0.04	-0.02	-0.01	-0.02	-0.01						
146	-0.03	-0.01	-9.87e-03	-0.01	-9.63e-03						
147	-0.02	-0.01	-6.75e-03	-7.02e-03	-5.67e-03						
148	-0.03	-0.02	-0.01	-0.01	-0.01						
149	-0.02	-0.01	-7.63e-03	-7.80e-03	-6.27e-03						
150	-0.04	-0.02	-0.01	-0.02	-0.01						
151	-0.06	-0.03	-0.02	-0.02	-0.02						
152	-0.07	-0.03	-0.02	-0.02	-0.02						
153	-0.08	-0.03	-0.02	-0.03	-0.02						
154	-0.09	-0.03	-0.02	-0.03	-0.02						
155	-0.10	-0.03	-0.02	-0.03	-0.02						
156	-0.10	-0.03	-0.02	-0.03	-0.02						
157	-0.10	-0.03	-0.01	-0.03	-0.01						
158	-0.10	-0.02	-0.01	-0.03	-0.01						
159	-0.10	-0.02	-0.01	-0.03	-0.01						
160	-0.10	-0.03	-0.02	-0.03	-0.01						
161	-0.09	-0.03	-0.02	-0.03	-0.01						
162	-0.09	-0.03	-0.02	-0.03	-0.02						
163	-0.08	-0.03	-0.02	-0.02	-0.02						
164	-0.07	-0.03	-0.02	-0.02	-0.02						
165	-0.06	-0.03	-0.02	-0.02	-0.01						
166	-0.04	-0.02	-0.01	-0.02	-0.01						
167	-0.03	-0.01	-0.01	-0.01	-0.01						
168	-0.02	-0.01	-8.36e-03	-8.62e-03	-7.00e-03						
169	-0.03	-0.02	-0.01	-0.02	-0.01						
170	-0.02	-0.02	-9.20e-03	-9.32e-03	-7.52e-03						
171	-0.05	-0.02	-0.02	-0.02	-0.02						
172	-0.06	-0.03	-0.02	-0.02	-0.02						
173	-0.07	-0.03	-0.02	-0.03	-0.02						
174	-0.09	-0.03	-0.02	-0.03	-0.02						
175	-0.09	-0.03	-0.02	-0.03	-0.02						
176	-0.10	-0.03	-0.02	-0.03	-0.02						
177	-0.11	-0.03	-0.02	-0.03	-0.02						
178	-0.11	-0.03	-0.02	-0.03	-0.02						
179	-0.11	-0.03	-0.02	-0.03	-0.02						
180	-0.11	-0.03	-0.02	-0.03	-0.02						

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
181	-0.11	-0.03	-0.02	-0.03	-0.02						
182	-0.10	-0.03	-0.02	-0.03	-0.02						
183	-0.09	-0.03	-0.02	-0.03	-0.02						
184	-0.08	-0.03	-0.02	-0.03	-0.02						
185	-0.07	-0.03	-0.02	-0.03	-0.02						
186	-0.06	-0.03	-0.02	-0.02	-0.02						
187	-0.05	-0.02	-0.02	-0.02	-0.02						
188	-0.03	-0.02	-0.01	-0.02	-0.01						
189	-0.02	-0.02	-0.01	-0.01	-8.41e-03						
190	-0.04	-0.02	-0.02	-0.02	-0.01						
191	-0.02	-0.02	-0.01	-0.01	-8.84e-03						
192	-0.05	-0.03	-0.02	-0.02	-0.02						
193	-0.07	-0.03	-0.02	-0.03	-0.02						
194	-0.08	-0.03	-0.02	-0.03	-0.02						
195	-0.09	-0.03	-0.02	-0.03	-0.02						
196	-0.10	-0.03	-0.02	-0.03	-0.02						
197	-0.11	-0.03	-0.02	-0.03	-0.02						
198	-0.11	-0.03	-0.02	-0.03	-0.02						
199	-0.12	-0.03	-0.02	-0.03	-0.02						
200	-0.12	-0.03	-0.02	-0.03	-0.02						
201	-0.11	-0.03	-0.02	-0.03	-0.02						
202	-0.11	-0.03	-0.02	-0.03	-0.02						
203	-0.11	-0.03	-0.02	-0.03	-0.02						
204	-0.10	-0.03	-0.02	-0.03	-0.02						
205	-0.09	-0.03	-0.02	-0.03	-0.02						
206	-0.08	-0.03	-0.02	-0.03	-0.02						
207	-0.06	-0.03	-0.02	-0.03	-0.02						
208	-0.05	-0.02	-0.02	-0.02	-0.02						
209	-0.04	-0.02	-0.02	-0.02	-0.01						
210	-0.03	-0.02	-0.01	-0.01	-9.90e-03						
211	-0.04	-0.02	-0.02	-0.02	-0.02						
212	-0.03	-0.02	-0.01	-0.01	-0.01						
213	-0.06	-0.03	-0.02	-0.02	-0.02						
214	-0.07	-0.03	-0.02	-0.03	-0.02						
215	-0.08	-0.03	-0.02	-0.03	-0.02						
216	-0.09	-0.04	-0.02	-0.03	-0.02						
217	-0.10	-0.04	-0.02	-0.03	-0.02						
218	-0.11	-0.03	-0.02	-0.03	-0.02						
219	-0.12	-0.03	-0.02	-0.03	-0.02						
220	-0.12	-0.03	-0.02	-0.03	-0.02						
221	-0.12	-0.03	-0.02	-0.03	-0.02						
222	-0.12	-0.03	-0.02	-0.03	-0.02						
223	-0.11	-0.03	-0.02	-0.03	-0.02						
224	-0.11	-0.03	-0.02	-0.03	-0.02						
225	-0.10	-0.03	-0.02	-0.03	-0.02						
226	-0.09	-0.03	-0.02	-0.03	-0.02						
227	-0.08	-0.03	-0.02	-0.03	-0.02						
228	-0.07	-0.03	-0.02	-0.03	-0.02						
229	-0.05	-0.02	-0.02	-0.02	-0.02						
230	-0.04	-0.02	-0.02	-0.02	-0.02						
231	-0.03	-0.02	-0.01	-0.01	-0.01						
232	-0.04	-0.03	-0.02	-0.02	-0.02						
233	-0.03	-0.02	-0.01	-0.01	-0.01						
234	-0.06	-0.03	-0.02	-0.03	-0.02						
235	-0.07	-0.03	-0.02	-0.03	-0.02						
236	-0.08	-0.03	-0.02	-0.03	-0.02						
237	-0.09	-0.04	-0.02	-0.03	-0.02						
238	-0.10	-0.04	-0.02	-0.04	-0.02						
239	-0.11	-0.04	-0.02	-0.04	-0.02						
240	-0.12	-0.03	-0.02	-0.04	-0.02						
241	-0.12	-0.03	-0.02	-0.04	-0.02						
242	-0.12	-0.03	-0.02	-0.04	-0.02						
243	-0.12	-0.03	-0.02	-0.04	-0.02						
244	-0.12	-0.03	-0.02	-0.04	-0.02						
245	-0.11	-0.04	-0.02	-0.04	-0.02						
246	-0.10	-0.04	-0.02	-0.03	-0.02						
247	-0.09	-0.04	-0.02	-0.03	-0.02						
248	-0.08	-0.03	-0.02	-0.03	-0.02						
249	-0.07	-0.03	-0.02	-0.03	-0.02						
250	-0.06	-0.03	-0.02	-0.03	-0.02						
251	-0.04	-0.03	-0.02	-0.02	-0.02						
252	-0.03	-0.03	-0.02	-0.02	-0.01						
253	-0.05	-0.03	-0.02	-0.02	-0.02						
254	-0.03	-0.03	-0.02	-0.02	-0.01						

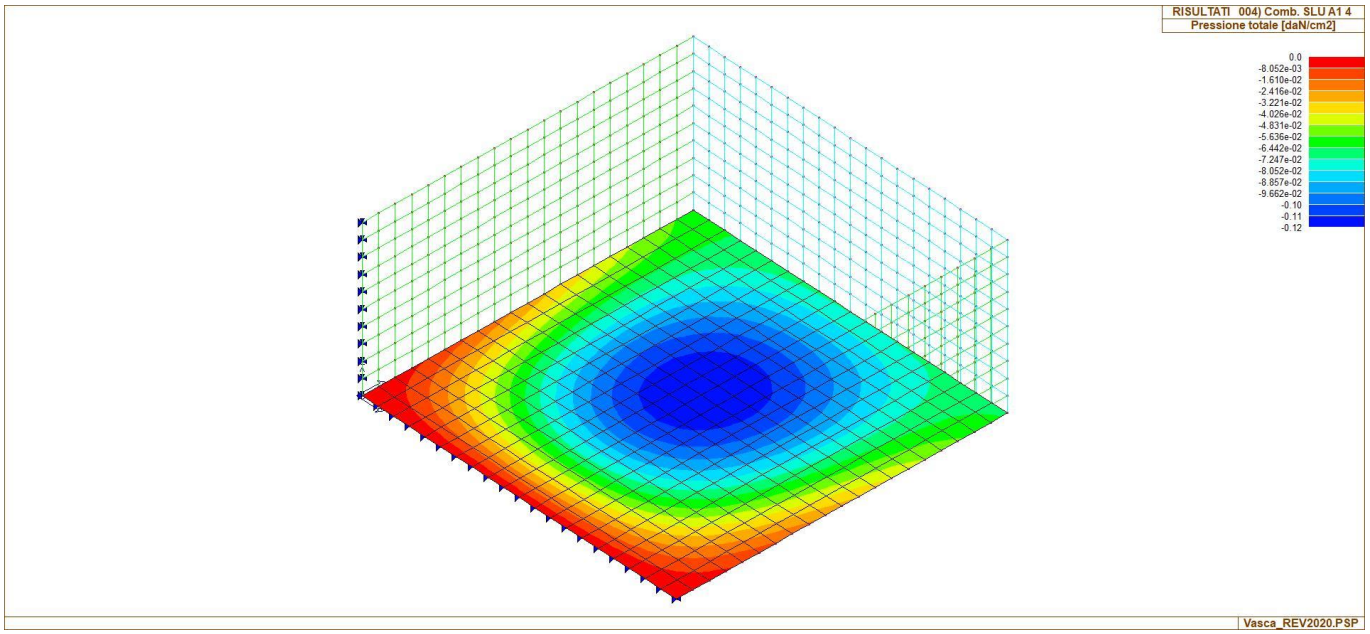
Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
255	-0.06	-0.03	-0.02	-0.03	-0.02						
256	-0.07	-0.03	-0.02	-0.03	-0.02						
257	-0.08	-0.03	-0.02	-0.03	-0.02						
258	-0.10	-0.04	-0.03	-0.04	-0.03						
259	-0.10	-0.04	-0.03	-0.04	-0.03						
260	-0.11	-0.04	-0.03	-0.04	-0.03						
261	-0.12	-0.04	-0.03	-0.04	-0.02						
262	-0.12	-0.03	-0.03	-0.04	-0.02						
263	-0.12	-0.03	-0.03	-0.04	-0.02						
264	-0.12	-0.03	-0.03	-0.04	-0.02						
265	-0.12	-0.04	-0.02	-0.04	-0.02						
266	-0.11	-0.04	-0.02	-0.04	-0.02						
267	-0.10	-0.04	-0.02	-0.04	-0.02						
268	-0.09	-0.03	-0.02	-0.03	-0.02						
269	-0.08	-0.03	-0.02	-0.03	-0.02						
270	-0.07	-0.03	-0.02	-0.03	-0.02						
271	-0.06	-0.03	-0.02	-0.03	-0.02						
272	-0.05	-0.03	-0.02	-0.02	-0.02						
273	-0.04	-0.03	-0.02	-0.02	-0.01						
274	-0.05	-0.03	-0.02	-0.02	-0.02						
275	-0.04	-0.03	-0.02	-0.02	-0.01						
276	-0.06	-0.03	-0.02	-0.03	-0.02						
277	-0.07	-0.03	-0.03	-0.03	-0.02						
278	-0.08	-0.03	-0.03	-0.03	-0.03						
279	-0.09	-0.03	-0.03	-0.04	-0.03						
280	-0.10	-0.04	-0.03	-0.04	-0.03						
281	-0.11	-0.04	-0.03	-0.04	-0.03						
282	-0.11	-0.04	-0.03	-0.04	-0.03						
283	-0.12	-0.04	-0.03	-0.04	-0.03						
284	-0.12	-0.04	-0.03	-0.04	-0.03						
285	-0.12	-0.04	-0.03	-0.04	-0.03						
286	-0.11	-0.04	-0.03	-0.04	-0.03						
287	-0.11	-0.04	-0.03	-0.04	-0.03						
288	-0.10	-0.04	-0.03	-0.04	-0.03						
289	-0.09	-0.03	-0.03	-0.04	-0.03						
290	-0.08	-0.03	-0.03	-0.03	-0.03						
291	-0.07	-0.03	-0.03	-0.03	-0.02						
292	-0.06	-0.03	-0.02	-0.03	-0.02						
293	-0.05	-0.03	-0.02	-0.02	-0.02						
294	-0.04	-0.03	-0.02	-0.02	-0.02						
295	-0.05	-0.04	-0.02	-0.02	-0.02						
296	-0.04	-0.04	-0.02	-0.02	-0.02						
297	-0.06	-0.04	-0.03	-0.03	-0.02						
298	-0.07	-0.04	-0.03	-0.03	-0.03						
299	-0.08	-0.04	-0.03	-0.04	-0.03						
300	-0.09	-0.04	-0.03	-0.04	-0.03						
301	-0.10	-0.04	-0.03	-0.04	-0.03						
302	-0.11	-0.04	-0.03	-0.04	-0.03						
303	-0.11	-0.04	-0.03	-0.04	-0.03						
304	-0.11	-0.04	-0.03	-0.04	-0.03						
305	-0.11	-0.04	-0.03	-0.04	-0.03						
306	-0.11	-0.04	-0.03	-0.04	-0.03						
307	-0.11	-0.04	-0.03	-0.04	-0.03						
308	-0.11	-0.04	-0.03	-0.04	-0.03						
309	-0.10	-0.04	-0.03	-0.04	-0.03						
310	-0.09	-0.04	-0.03	-0.04	-0.03						
311	-0.08	-0.04	-0.03	-0.03	-0.03						
312	-0.07	-0.04	-0.03	-0.03	-0.03						
313	-0.06	-0.04	-0.03	-0.03	-0.02						
314	-0.05	-0.04	-0.02	-0.03	-0.02						
315	-0.04	-0.04	-0.02	-0.02	-0.02						
316	-0.05	-0.04	-0.02	-0.03	-0.02						
317	-0.04	-0.04	-0.02	-0.02	-0.02						
318	-0.06	-0.04	-0.03	-0.03	-0.02						
319	-0.07	-0.04	-0.03	-0.03	-0.03						
320	-0.08	-0.04	-0.03	-0.04	-0.03						
321	-0.09	-0.04	-0.03	-0.04	-0.03						
322	-0.10	-0.04	-0.03	-0.04	-0.03						
323	-0.10	-0.04	-0.03	-0.04	-0.03						
324	-0.11	-0.04	-0.03	-0.04	-0.03						
325	-0.11	-0.04	-0.03	-0.04	-0.03						
326	-0.11	-0.04	-0.03	-0.04	-0.03						
327	-0.11	-0.04	-0.03	-0.04	-0.03						
328	-0.11	-0.04	-0.03	-0.04	-0.03						

Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
329	-0.10	-0.04	-0.03	-0.04	-0.03						
330	-0.10	-0.04	-0.03	-0.04	-0.03						
331	-0.09	-0.04	-0.03	-0.04	-0.03						
332	-0.08	-0.04	-0.03	-0.04	-0.03						
333	-0.07	-0.04	-0.03	-0.03	-0.03						
334	-0.06	-0.04	-0.03	-0.03	-0.03						
335	-0.06	-0.04	-0.03	-0.03	-0.02						
336	-0.05	-0.04	-0.02	-0.02	-0.02						
337	-0.05	-0.04	-0.03	-0.03	-0.02						
338	-0.05	-0.04	-0.02	-0.02	-0.02						
339	-0.06	-0.04	-0.03	-0.03	-0.03						
340	-0.07	-0.04	-0.03	-0.03	-0.03						
341	-0.08	-0.04	-0.03	-0.04	-0.03						
342	-0.09	-0.04	-0.03	-0.04	-0.03						
343	-0.09	-0.04	-0.03	-0.04	-0.03						
344	-0.10	-0.04	-0.03	-0.04	-0.03						
345	-0.10	-0.04	-0.03	-0.04	-0.03						
346	-0.10	-0.04	-0.03	-0.04	-0.03						
347	-0.10	-0.04	-0.03	-0.04	-0.03						
348	-0.10	-0.04	-0.03	-0.04	-0.03						
349	-0.10	-0.04	-0.03	-0.04	-0.03						
350	-0.10	-0.04	-0.03	-0.04	-0.03						
351	-0.09	-0.04	-0.03	-0.04	-0.03						
352	-0.09	-0.04	-0.03	-0.04	-0.03						
353	-0.08	-0.04	-0.03	-0.04	-0.03						
354	-0.07	-0.04	-0.03	-0.03	-0.03						
355	-0.07	-0.04	-0.03	-0.03	-0.03						
356	-0.06	-0.04	-0.03	-0.03	-0.02						
357	-0.05	-0.04	-0.03	-0.03	-0.02						
358	-0.06	-0.05	-0.03	-0.03	-0.02						
359	-0.05	-0.05	-0.03	-0.02	-0.02						
360	-0.06	-0.04	-0.03	-0.03	-0.03						
361	-0.07	-0.04	-0.03	-0.03	-0.03						
362	-0.08	-0.04	-0.03	-0.04	-0.03						
363	-0.08	-0.04	-0.03	-0.04	-0.03						
364	-0.09	-0.04	-0.03	-0.04	-0.03						
365	-0.09	-0.04	-0.03	-0.04	-0.03						
366	-0.09	-0.04	-0.03	-0.04	-0.03						
367	-0.09	-0.04	-0.03	-0.04	-0.03						
368	-0.10	-0.04	-0.03	-0.04	-0.03						
369	-0.10	-0.04	-0.03	-0.04	-0.03						
370	-0.09	-0.04	-0.03	-0.04	-0.03						
371	-0.09	-0.04	-0.03	-0.04	-0.03						
372	-0.09	-0.04	-0.03	-0.04	-0.03						
373	-0.08	-0.04	-0.03	-0.04	-0.03						
374	-0.08	-0.04	-0.03	-0.04	-0.03						
375	-0.07	-0.05	-0.03	-0.04	-0.03						
376	-0.07	-0.05	-0.03	-0.03	-0.03						
377	-0.06	-0.05	-0.03	-0.03	-0.03						
378	-0.06	-0.05	-0.03	-0.03	-0.02						
379	-0.06	-0.05	-0.03	-0.03	-0.02						
380	-0.05	-0.05	-0.03	-0.03	-0.02						
381	-0.06	-0.05	-0.03	-0.03	-0.03						
382	-0.07	-0.05	-0.03	-0.03	-0.03						
383	-0.07	-0.05	-0.03	-0.04	-0.03						
384	-0.08	-0.04	-0.03	-0.04	-0.03						
385	-0.08	-0.04	-0.03	-0.04	-0.03						
386	-0.08	-0.04	-0.03	-0.04	-0.03						
387	-0.09	-0.04	-0.03	-0.04	-0.03						
388	-0.09	-0.04	-0.03	-0.04	-0.03						
389	-0.09	-0.04	-0.03	-0.04	-0.03						
390	-0.09	-0.04	-0.03	-0.04	-0.03						
391	-0.09	-0.04	-0.03	-0.04	-0.03						
392	-0.08	-0.04	-0.03	-0.04	-0.03						
393	-0.08	-0.04	-0.03	-0.04	-0.03						
394	-0.08	-0.04	-0.03	-0.04	-0.03						
395	-0.08	-0.05	-0.03	-0.04	-0.03						
396	-0.07	-0.05	-0.03	-0.04	-0.03						
397	-0.07	-0.05	-0.03	-0.03	-0.03						
398	-0.06	-0.05	-0.03	-0.03	-0.03						
399	-0.06	-0.05	-0.03	-0.03	-0.02						
400	-0.06	-0.05	-0.03	-0.03	-0.02						
401	-0.06	-0.05	-0.03	-0.03	-0.02						
402	-0.06	-0.05	-0.03	-0.03	-0.03						

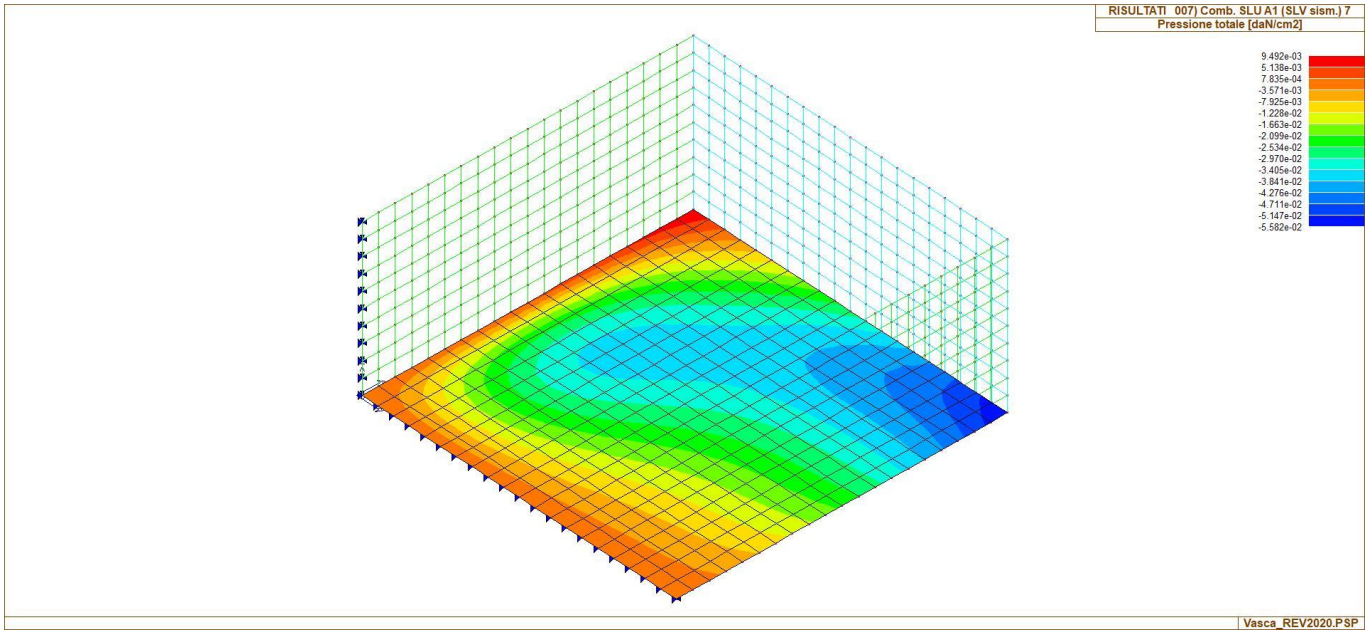
Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...							
403	-0.07	-0.05	-0.03	-0.03	-0.03						
404	-0.07	-0.05	-0.03	-0.03	-0.03						
405	-0.07	-0.05	-0.03	-0.04	-0.03						
406	-0.07	-0.04	-0.03	-0.04	-0.03						
407	-0.08	-0.04	-0.03	-0.04	-0.03						
408	-0.08	-0.04	-0.03	-0.04	-0.03						
409	-0.08	-0.04	-0.03	-0.04	-0.03						
410	-0.08	-0.04	-0.03	-0.04	-0.03						
411	-0.08	-0.04	-0.03	-0.04	-0.03						
412	-0.08	-0.04	-0.03	-0.04	-0.03						
413	-0.08	-0.04	-0.03	-0.04	-0.03						
414	-0.08	-0.04	-0.03	-0.04	-0.03						
415	-0.07	-0.05	-0.03	-0.04	-0.03						
416	-0.07	-0.05	-0.03	-0.04	-0.03						
417	-0.07	-0.05	-0.03	-0.04	-0.03						
418	-0.07	-0.05	-0.03	-0.03	-0.03						
419	-0.06	-0.05	-0.03	-0.03	-0.03						
420	-0.06	-0.06	-0.03	-0.03	-0.03						
421	-0.06	-0.06	-0.03	-0.03	-0.03						
422	-0.06	-0.06	-0.03	-0.03	-0.02						
423	-0.06	-0.05	-0.03	-0.03	-0.03						
424	-0.07	-0.05	-0.03	-0.03	-0.03						
425	-0.07	-0.05	-0.03	-0.03	-0.03						
426	-0.07	-0.05	-0.03	-0.03	-0.03						
427	-0.07	-0.04	-0.03	-0.03	-0.03						
428	-0.07	-0.04	-0.03	-0.03	-0.03						
429	-0.07	-0.04	-0.03	-0.04	-0.03						
430	-0.07	-0.04	-0.03	-0.04	-0.03						
431	-0.07	-0.04	-0.03	-0.04	-0.03						
432	-0.07	-0.04	-0.03	-0.04	-0.03						
433	-0.07	-0.04	-0.03	-0.04	-0.03						
434	-0.07	-0.04	-0.03	-0.04	-0.03						
435	-0.07	-0.04	-0.03	-0.04	-0.03						
436	-0.07	-0.05	-0.03	-0.04	-0.03						
437	-0.07	-0.05	-0.03	-0.04	-0.03						
438	-0.07	-0.05	-0.03	-0.04	-0.03						
439	-0.07	-0.06	-0.03	-0.03	-0.03						
440	-0.07	-0.06	-0.03	-0.03	-0.03						
441	-0.07	-0.06	-0.03	-0.03	-0.03						
Nodo (G)	**Pt 1/12**	**Pt 2/13**	**Pt 3...**	**Pt 4...**							
	-0.12										
	0.0										



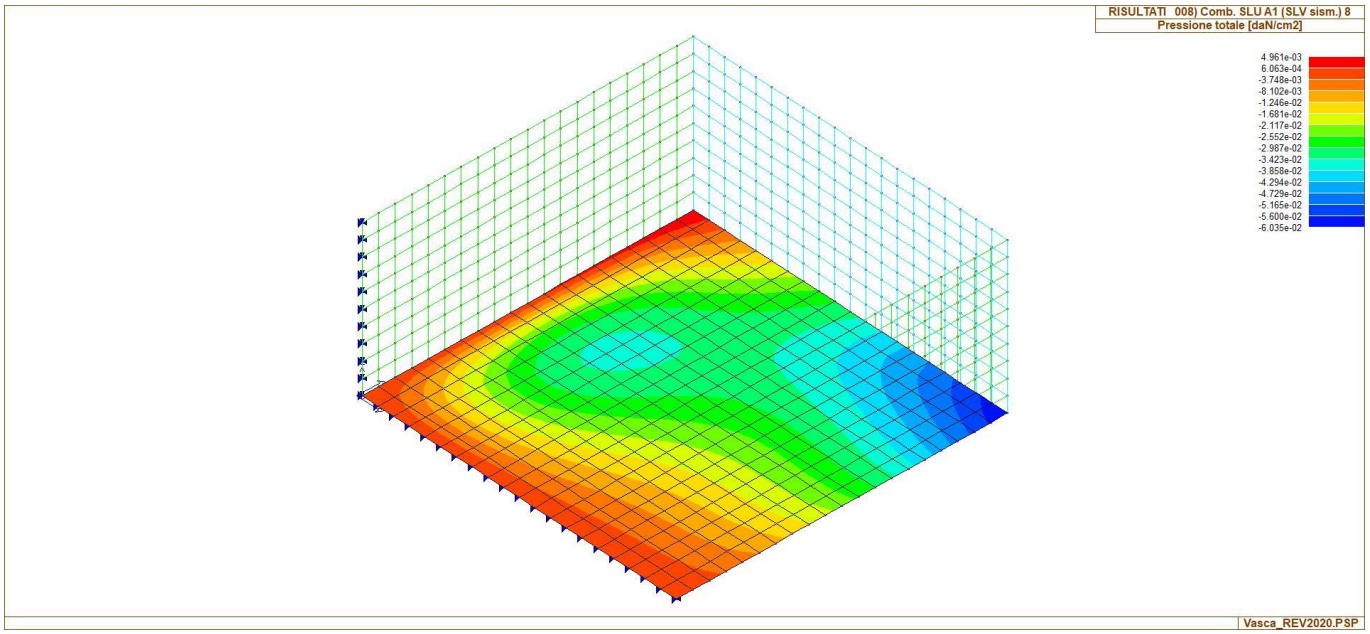
46_RIS_PRESSIONI_001_Comb. SLU A1 1



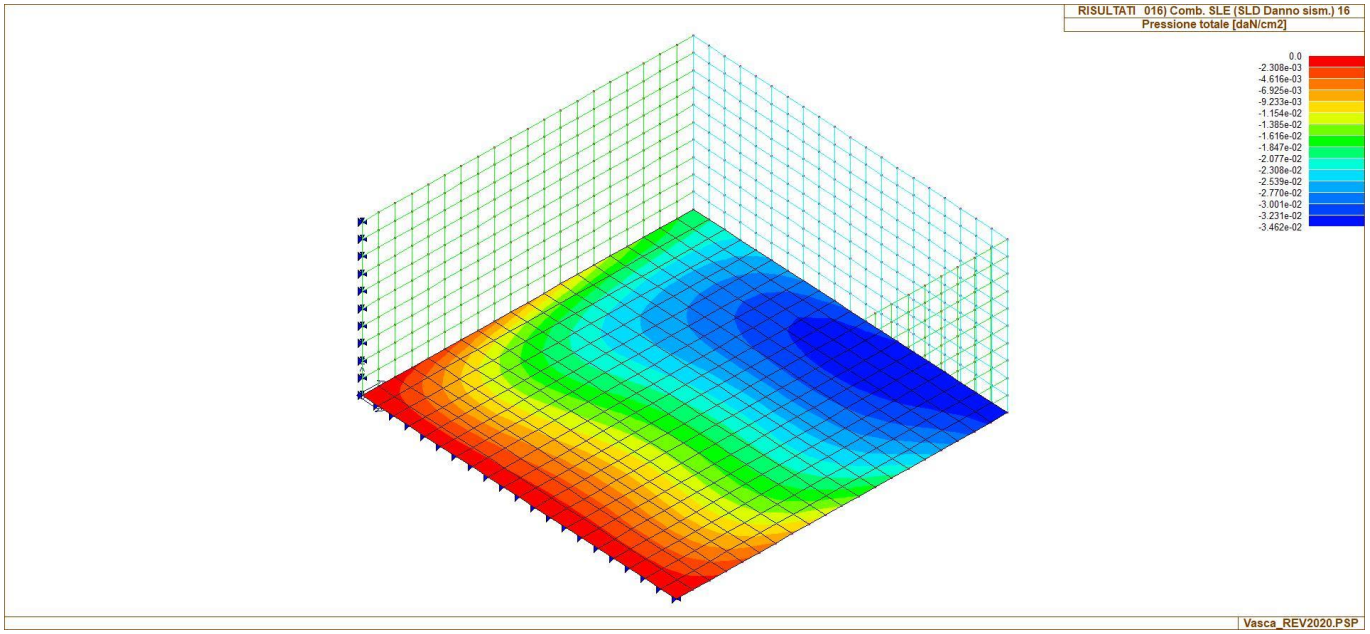
46_RIS_PRESSIONI_004_Comb. SLU A1 4



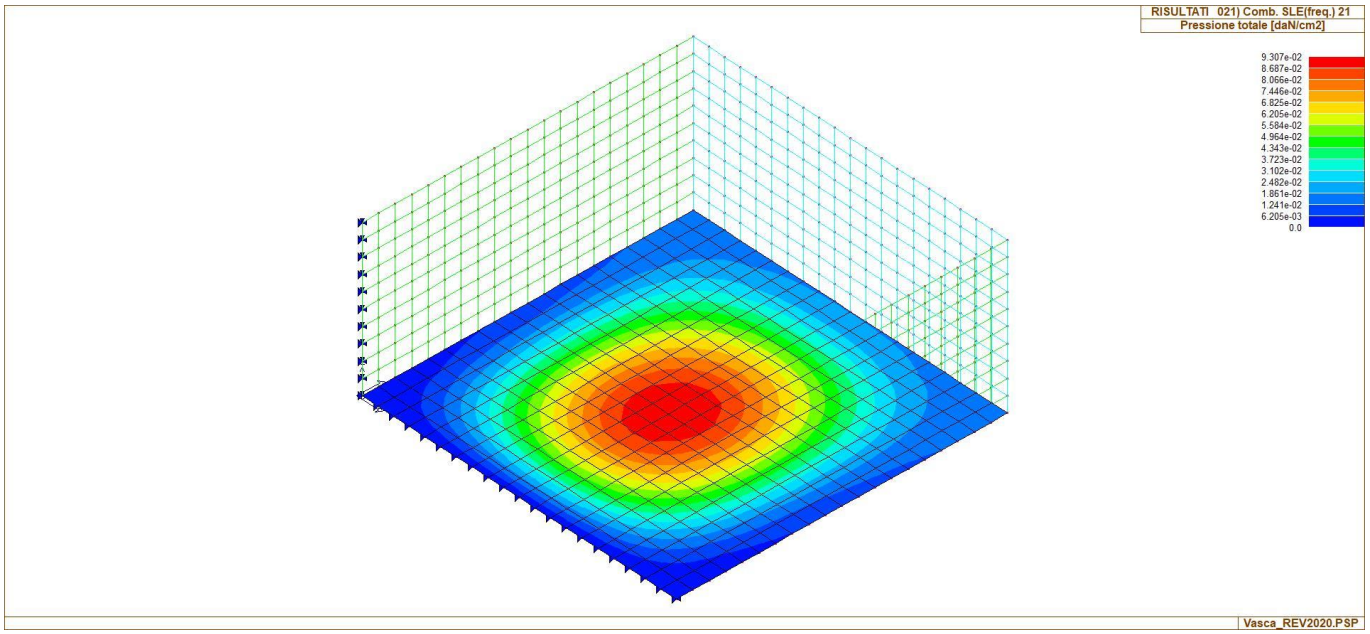
46_RIS_PRESSIONI_007_Comb. SLU A1 (SLV sism.) 7



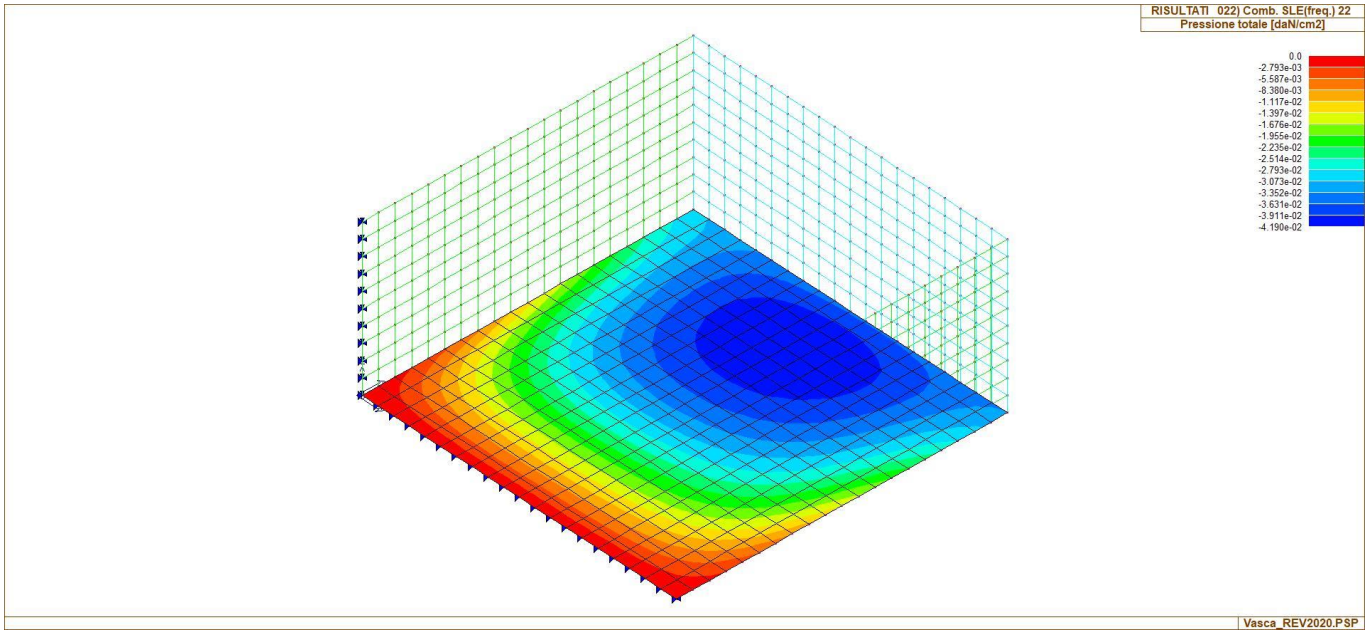
46_RIS_PRESSIONI_008_Comb. SLU A1 (SLV sism.) 8



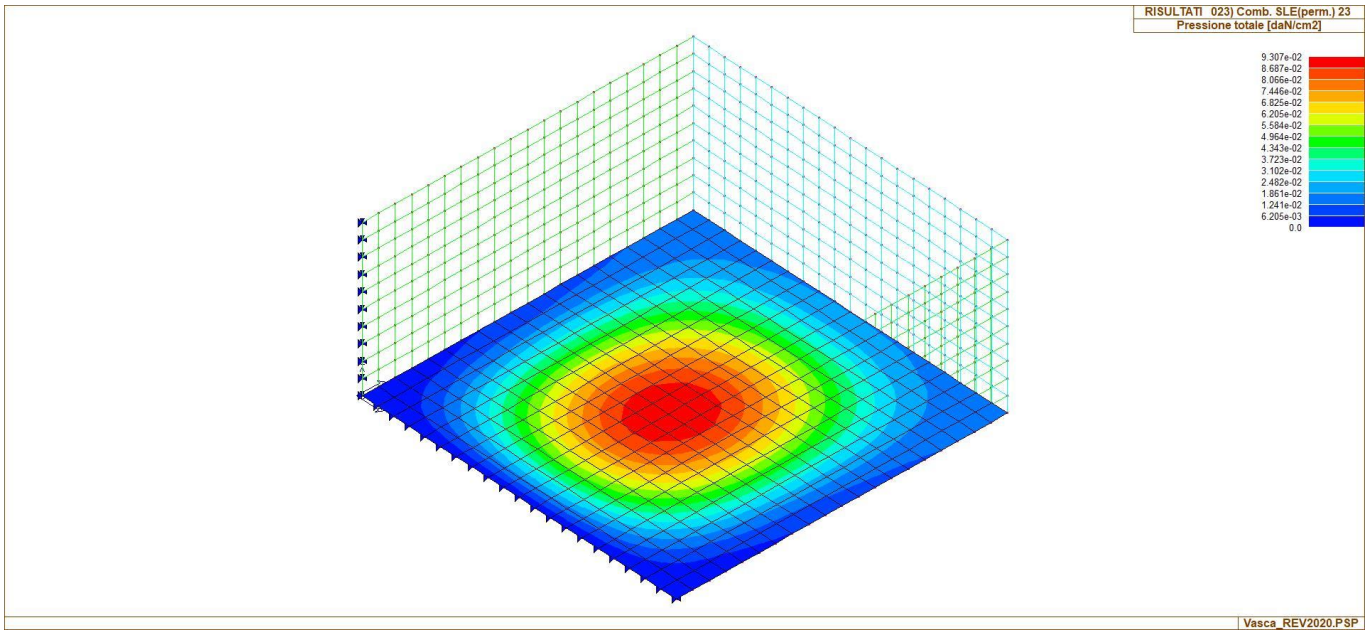
46_RIS_PRESSIONI_016_Comb. SLE (SLD Danno sism.) 16



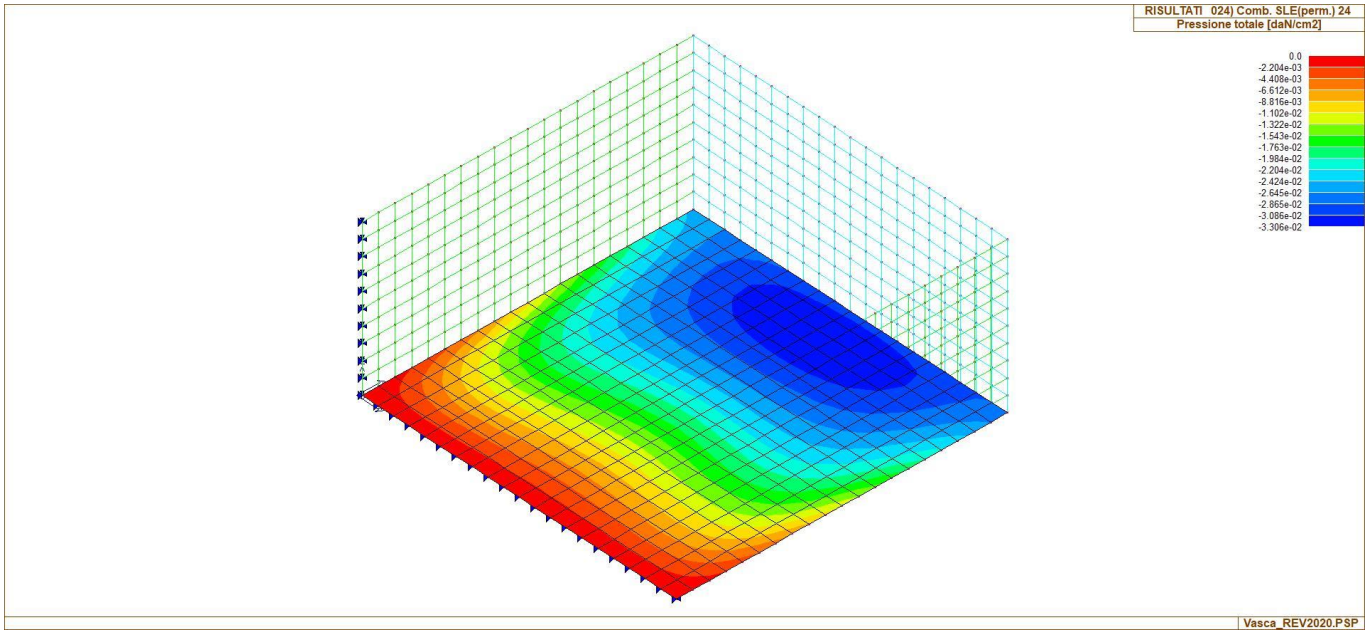
46_RIS_PRESSIONI_021_Comb. SLE(freq.) 21



46_RIS_PRESSIONI_022_Comb. SLE(freq.) 22



46_RIS_PRESSIONI_023_Comb. SLE(perm.) 23

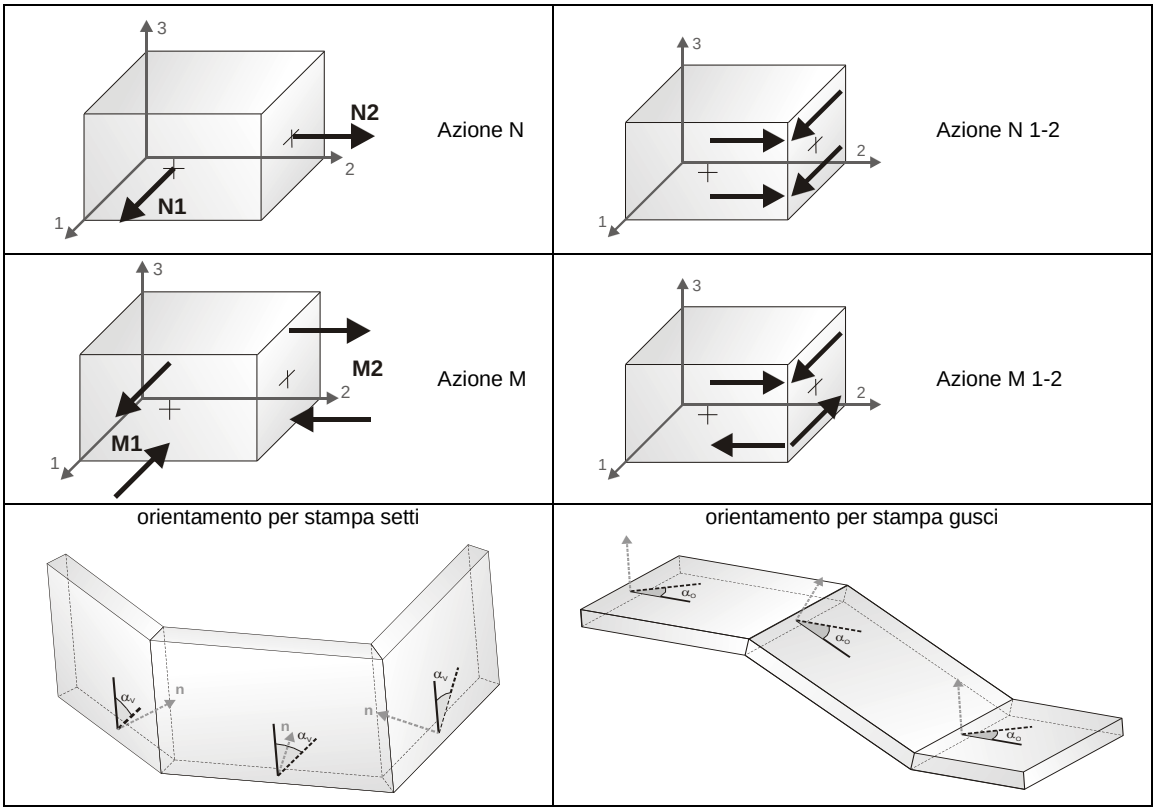


46_RIS_PRESSIONI_024_Comb. SLE(perm.) 24

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.
Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
N max		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1	**N2**	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è
N1-2	**M1**	uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
M2	**M1-2**	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.
In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.
I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_O attorno all'asse Z per i gusci e ruotata di α_V attorno alla normale (che per definizione è orizzontale) al piano del setto.
Per i setti, in particolare, se α_V è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
2	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
2	1	0.0	-7.056e+04	-4.540e+04	8.080e+04	3.065e+06	-5.695e+06	1.923e+04
2	1	40.00	-7.248e+04	-4.540e+04	8.080e+04	3.480e+06	-5.689e+06	4.287e+04
2	1	80.00	-6.449e+04	-5.084e+04	5.586e+04	3.297e+06	-2.952e+06	5.144e+04
2	1	120.00	-5.651e+04	-5.291e+04	3.635e+04	3.060e+06	-1.106e+06	4.974e+04
2	1	160.00	-4.871e+04	-5.313e+04	2.137e+04	2.855e+06	4.889e+04	4.907e+04
2	1	200.00	-4.108e+04	-5.174e+04	1.008e+04	2.682e+06	6.774e+05	4.864e+04
2	1	240.00	-3.364e+04	-4.863e+04	1830.32	2.523e+06	9.149e+05	4.800e+04
2	1	280.00	-2.637e+04	-4.357e+04	-3807.53	2.347e+06	8.746e+05	4.706e+04
2	1	320.00	-1.924e+04	-3.624e+04	-7051.26	2.110e+06	6.569e+05	4.705e+04
2	1	360.00	-1.223e+04	-2.619e+04	-7781.92	1.749e+06	3.604e+05	5.177e+04
2	1	400.00	-5353.03	-1.192e+04	-4961.56	1.246e+06	1.031e+05	5.665e+04
2	4	0.0	2.720e+04	1.381e+05	-607.28	-6.961e+05	1.271e+06	-1.304e+05
2	4	40.00	3.266e+04	1.381e+05	-607.28	-2.088e+06	1.280e+06	-1.143e+05
2	4	80.00	2.853e+04	1.520e+05	-2799.60	-2.729e+06	1.215e+06	-1.352e+05
2	4	120.00	2.512e+04	1.578e+05	-3338.21	-3.323e+06	1.091e+06	-1.105e+05
2	4	160.00	2.225e+04	1.577e+05	-3549.19	-3.912e+06	9.523e+05	-9.754e+04
2	4	200.00	1.970e+04	1.523e+05	-3693.08	-4.432e+06	8.068e+05	-9.188e+04
2	4	240.00	1.733e+04	1.417e+05	-3818.90	-4.816e+06	6.560e+05	-9.181e+04
2	4	280.00	1.500e+04	1.255e+05	-3930.27	-4.982e+06	5.006e+05	-9.627e+04
2	4	320.00	1.260e+04	1.030e+05	-3987.60	-4.824e+06	3.420e+05	-1.032e+05
2	4	360.00	1.001e+04	7.276e+04	-3859.93	-4.180e+06	1.849e+05	-1.129e+05
2	4	400.00	7504.81	3.097e+04	-2605.05	-2.922e+06	5.414e+04	-7.691e+04
2	6	0.0	-1.075e+04	7.020e+04	2.140e+04	1.335e+06	-5.175e+05	1.674e+05
2	6	40.00	-3895.76	7.020e+04	2.140e+04	-3530.07	-5.142e+05	1.836e+05
2	6	80.00	-3681.35	8.932e+04	1.262e+04	-1.368e+05	1.671e+05	2.591e+05
2	6	120.00	-2664.92	1.007e+05	6349.87	-5.020e+05	5.460e+05	2.655e+05
2	6	160.00	-1178.47	1.061e+05	1812.32	-1.046e+06	7.086e+05	2.718e+05
2	6	200.00	493.48	1.062e+05	-1367.55	-1.665e+06	7.168e+05	2.733e+05
2	6	240.00	2157.03	1.012e+05	-3408.69	-2.263e+06	6.207e+05	2.715e+05
2	6	280.00	3646.96	9.098e+04	-4435.93	-2.744e+06	4.634e+05	2.669e+05
2	6	320.00	4813.71	7.529e+04	-4483.33	-2.994e+06	2.846e+05	2.607e+05
2	6	360.00	5493.74	5.328e+04	-3510.80	-2.853e+06	1.245e+05	2.626e+05
2	6	400.00	5758.60	2.255e+04	-1378.39	-2.164e+06	2.697e+04	1.980e+05
2	8	0.0	-2.167e+04	4.843e+04	6.014e+04	-9.683e+05	-4.089e+06	-3.239e+05
2	8	40.00	-2.326e+04	4.843e+04	6.014e+04	-6.761e+05	-4.067e+06	-3.010e+05
2	8	80.00	-2.082e+04	3.791e+04	4.194e+04	-1.360e+06	-2.015e+06	-3.975e+05
2	8	120.00	-1.824e+04	2.978e+04	2.876e+04	-1.686e+06	-5.995e+05	-3.735e+05
2	8	160.00	-1.561e+04	2.310e+04	1.838e+04	-1.736e+06	3.437e+05	-3.637e+05
2	8	200.00	-1.293e+04	1.755e+04	9988.16	-1.580e+06	9.107e+05	-3.589e+05
2	8	240.00	-1.024e+04	1.293e+04	3089.17	-1.271e+06	1.171e+06	-3.586e+05
2	8	280.00	-7567.44	9058.29	-2635.85	-8.601e+05	1.180e+06	-3.631e+05
2	8	320.00	-4981.51	5682.71	-7352.88	-4.073e+05	9.792e+05	-3.705e+05
2	8	360.00	-2592.05	2469.15	-1.074e+04	5203.87	6.180e+05	-3.913e+05
2	8	400.00	-388.34	-435.23	-9552.48	2.880e+05	2.037e+05	-2.749e+05
2	14	0.0	-1.044e+04	6.029e+04	2.649e+04	8.751e+05	-1.114e+06	-1.422e+04
2	14	40.00	-7259.59	6.029e+04	2.649e+04	1.306e+05	-1.108e+06	2278.67
2	14	80.00	-6744.76	6.848e+04	1.677e+04	-2.296e+05	-2.411e+05	1.146e+04
2	14	120.00	-5758.59	7.265e+04	9782.94	-6.339e+05	2.898e+05	2.254e+04
2	14	160.00	-4497.19	7.360e+04	4578.09	-1.063e+06	5.765e+05	2.909e+04
2	14	200.00	-3110.52	7.169e+04	734.97	-1.468e+06	6.822e+05	3.172e+04
2	14	240.00	-1700.69	6.701e+04	-1990.75	-1.807e+06	6.565e+05	3.131e+04
2	14	280.00	-351.92	5.948e+04	-3746.23	-2.031e+06	5.413e+05	2.844e+04
2	14	320.00	865.00	4.883e+04	-4581.94	-2.086e+06	3.744e+05	2.457e+04
2	14	360.00	1879.15	3.438e+04	-4410.19	-1.886e+06	1.945e+05	2.273e+04
2	14	400.00	2821.10	1.444e+04	-2595.01	-1.348e+06	5.336e+04	2.539e+04
2	16	0.0	-1.167e+04	5.481e+04	3.123e+04	4.850e+05	-1.662e+06	-1.119e+05
2	16	40.00	-1.021e+04	5.481e+04	3.123e+04	4.506e+04	-1.653e+06	-9.491e+04
2	16	80.00	-9325.08	5.746e+04	2.063e+04	-4.157e+05	-6.122e+05	-1.208e+05
2	16	120.00	-8133.75	5.796e+04	1.299e+04	-8.139e+05	6.047e+04	-1.068e+05
2	16	160.00	-6768.68	5.667e+04	7172.02	-1.154e+06	4.635e+05	-9.992e+04
2	16	200.00	-5316.25	5.376e+04	2713.54	-1.419e+06	6.607e+05	-9.673e+04
2	16	240.00	-3837.52	4.926e+04	-657.24	-1.592e+06	7.013e+05	-9.659e+04
2	16	280.00	-2383.44	4.308e+04	-3111.38	-1.655e+06	6.254e+05	-9.911e+04
2	16	320.00	-997.34	3.495e+04	-4718.70	-1.584e+06	4.685e+05	-1.027e+05
2	16	360.00	272.00	2.432e+04	-5348.16	-1.339e+06	2.672e+05	-1.085e+05
2	16	400.00	1554.67	9958.50	-3851.80	-8.824e+05	8.072e+04	-6.983e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
2	20	0.0	-1.178e+04	5.719e+04	2.998e+04	5.072e+05	-1.521e+06	-7.862e+04
2	20	40.00	-9491.68	5.719e+04	2.998e+04	-3.710e+04	-1.512e+06	-6.262e+04
2	20	80.00	-8655.63	6.167e+04	1.962e+04	-4.688e+05	-5.172e+05	-7.682e+04
2	20	120.00	-7440.08	6.337e+04	1.214e+04	-8.675e+05	1.181e+05	-6.393e+04
2	20	160.00	-6010.46	6.280e+04	6486.06	-1.232e+06	4.904e+05	-5.712e+04
2	20	200.00	-4482.07	6.017e+04	2196.80	-1.536e+06	6.635e+05	-5.402e+04
2	20	240.00	-2936.20	5.554e+04	-993.98	-1.752e+06	6.870e+05	-5.395e+04
2	20	280.00	-1441.85	4.882e+04	-3253.90	-1.854e+06	6.016e+05	-5.652e+04
2	20	320.00	-60.91	3.974e+04	-4653.06	-1.807e+06	4.431e+05	-6.035e+04
2	20	360.00	1133.12	2.772e+04	-5082.95	-1.556e+06	2.484e+05	-6.544e+04
2	20	400.00	2247.39	1.143e+04	-3535.53	-1.055e+06	7.388e+04	-4.009e+04
2	21	0.0	-5.428e+04	-3.492e+04	6.215e+04	2.358e+06	-4.381e+06	1.480e+04
2	21	40.00	-5.575e+04	-3.492e+04	6.215e+04	2.677e+06	-4.376e+06	3.298e+04
2	21	80.00	-4.961e+04	-3.911e+04	4.297e+04	2.536e+06	-2.270e+06	3.957e+04
2	21	120.00	-4.347e+04	-4.070e+04	2.796e+04	2.354e+06	-8.506e+05	3.826e+04
2	21	160.00	-3.747e+04	-4.087e+04	1.644e+04	2.197e+06	3.761e+04	3.774e+04
2	21	200.00	-3.160e+04	-3.980e+04	7754.09	2.063e+06	5.211e+05	3.741e+04
2	21	240.00	-2.588e+04	-3.741e+04	1407.94	1.941e+06	7.037e+05	3.692e+04
2	21	280.00	-2.028e+04	-3.352e+04	-2928.87	1.805e+06	6.727e+05	3.620e+04
2	21	320.00	-1.480e+04	-2.788e+04	-5424.05	1.623e+06	5.053e+05	3.620e+04
2	21	360.00	-9407.55	-2.015e+04	-5986.09	1.345e+06	2.772e+05	3.982e+04
2	21	400.00	-4117.71	-9170.19	-3816.58	9.581e+05	7.928e+04	4.358e+04
2	22	0.0	-5393.54	6.889e+04	2.450e+04	5.255e+05	-9.898e+05	-7.232e+04
2	22	40.00	-2707.36	6.889e+04	2.450e+04	-1.818e+05	-9.822e+05	-5.539e+04
2	22	80.00	-2725.63	7.556e+04	1.551e+04	-6.230e+05	-1.793e+05	-6.531e+04
2	22	120.00	-2314.41	7.843e+04	9182.18	-1.052e+06	3.143e+05	-5.102e+04
2	22	160.00	-1636.07	7.829e+04	4447.22	-1.468e+06	5.864e+05	-4.343e+04
2	22	200.00	-819.85	7.547e+04	885.79	-1.834e+06	6.925e+05	-4.017e+04
2	22	240.00	45.32	7.004e+04	-1728.16	-2.114e+06	6.751e+05	-4.032e+04
2	22	280.00	885.38	6.188e+04	-3529.71	-2.267e+06	5.695e+05	-4.329e+04
2	22	320.00	1638.73	5.064e+04	-4562.18	-2.245e+06	4.073e+05	-4.744e+04
2	22	360.00	2241.98	3.560e+04	-4710.39	-1.970e+06	2.218e+05	-5.180e+04
2	22	400.00	2855.80	1.492e+04	-3089.66	-1.370e+06	6.419e+04	-2.872e+04
2	23	0.0	-5.428e+04	-3.492e+04	6.215e+04	2.358e+06	-4.381e+06	1.480e+04
2	23	40.00	-5.575e+04	-3.492e+04	6.215e+04	2.677e+06	-4.376e+06	3.298e+04
2	23	80.00	-4.961e+04	-3.911e+04	4.297e+04	2.536e+06	-2.270e+06	3.957e+04
2	23	120.00	-4.347e+04	-4.070e+04	2.796e+04	2.354e+06	-8.506e+05	3.826e+04
2	23	160.00	-3.747e+04	-4.087e+04	1.644e+04	2.197e+06	3.761e+04	3.774e+04
2	23	200.00	-3.160e+04	-3.980e+04	7754.09	2.063e+06	5.211e+05	3.741e+04
2	23	240.00	-2.588e+04	-3.741e+04	1407.94	1.941e+06	7.037e+05	3.692e+04
2	23	280.00	-2.028e+04	-3.352e+04	-2928.87	1.805e+06	6.727e+05	3.620e+04
2	23	320.00	-1.480e+04	-2.788e+04	-5424.05	1.623e+06	5.053e+05	3.620e+04
2	23	360.00	-9407.55	-2.015e+04	-5986.09	1.345e+06	2.772e+05	3.982e+04
2	23	400.00	-4117.71	-9170.19	-3816.58	9.581e+05	7.928e+04	4.358e+04
2	24	0.0	-1.083e+04	5.736e+04	2.868e+04	7.291e+05	-1.367e+06	-6.264e+04
2	24	40.00	-8601.20	5.736e+04	2.868e+04	1.359e+05	-1.359e+06	-4.557e+04
2	24	80.00	-7934.78	6.282e+04	1.856e+04	-2.720e+05	-4.117e+05	-5.365e+04
2	24	120.00	-6887.18	6.519e+04	1.127e+04	-6.740e+05	1.848e+05	-4.110e+04
2	24	160.00	-5617.16	6.505e+04	5779.95	-1.061e+06	5.254e+05	-3.441e+04
2	24	200.00	-4240.04	6.266e+04	1648.93	-1.401e+06	6.735e+05	-3.155e+04
2	24	240.00	-2834.86	5.810e+04	-1379.71	-1.663e+06	6.783e+05	-3.173e+04
2	24	280.00	-1466.49	5.128e+04	-3462.95	-1.814e+06	5.810e+05	-3.445e+04
2	24	320.00	-188.15	4.191e+04	-4657.94	-1.815e+06	4.182e+05	-3.814e+04
2	24	360.00	947.59	2.940e+04	-4852.14	-1.602e+06	2.280e+05	-4.162e+04
2	24	400.00	2080.97	1.224e+04	-3170.43	-1.111e+06	6.587e+04	-2.068e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.248e+04	-5.313e+04	-1.074e+04	-4.982e+06	-5.695e+06	-3.975e+05
			3.266e+04	1.578e+05	8.080e+04	3.480e+06	1.280e+06	2.733e+05

Macro	Tipo	Angolo 1-Z (gradi)
3	**Setto**	**0.0**

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	1	0.0	-7.056e+04	-4.540e+04	-8.080e+04	3.065e+06	5.695e+06	-1.923e+04

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
3	1	40.00	-7.248e+04	-4.540e+04	-8.080e+04	3.480e+06	5.689e+06	-4.287e+04
3	1	80.00	-6.449e+04	-5.084e+04	-5.586e+04	3.297e+06	2.952e+06	-5.144e+04
3	1	120.00	-5.651e+04	-5.291e+04	-3.635e+04	3.060e+06	1.106e+06	-4.974e+04
3	1	160.00	-4.871e+04	-5.313e+04	-2.137e+04	2.855e+06	-4.889e+04	-4.907e+04
3	1	200.00	-4.108e+04	-5.174e+04	-1.008e+04	2.682e+06	-6.774e+05	-4.864e+04
3	1	240.00	-3.364e+04	-4.863e+04	-1830.32	2.523e+06	-9.149e+05	-4.800e+04
3	1	280.00	-2.637e+04	-4.357e+04	3807.53	2.347e+06	-8.746e+05	-4.706e+04
3	1	320.00	-1.924e+04	-3.624e+04	7051.26	2.110e+06	-6.569e+05	-4.705e+04
3	1	360.00	-1.223e+04	-2.619e+04	7781.92	1.749e+06	-3.604e+05	-5.177e+04
3	1	400.00	-5353.03	-1.192e+04	4961.56	1.246e+06	-1.031e+05	-5.665e+04
3	4	0.0	2.900e+04	1.403e+05	5420.83	-4.324e+05	-1.779e+06	8.207e+04
3	4	40.00	3.526e+04	1.403e+05	5420.83	-1.992e+06	-1.786e+06	6.729e+04
3	4	80.00	3.083e+04	1.572e+05	6793.84	-2.586e+06	-1.543e+06	7.169e+04
3	4	120.00	2.718e+04	1.650e+05	6690.46	-3.194e+06	-1.272e+06	4.883e+04
3	4	160.00	2.410e+04	1.661e+05	6272.33	-3.840e+06	-1.012e+06	3.614e+04
3	4	200.00	2.136e+04	1.612e+05	5753.74	-4.445e+06	-7.707e+05	3.072e+04
3	4	240.00	1.879e+04	1.505e+05	5154.50	-4.925e+06	-5.520e+05	3.074e+04
3	4	280.00	1.626e+04	1.337e+05	4448.08	-5.184e+06	-3.596e+05	3.509e+04
3	4	320.00	1.364e+04	1.100e+05	3564.19	-5.101e+06	-1.992e+05	4.177e+04
3	4	360.00	1.081e+04	7.792e+04	2381.41	-4.487e+06	-8.019e+04	4.909e+04
3	4	400.00	8077.79	3.337e+04	798.56	-3.186e+06	-1.629e+04	3.139e+04
3	6	0.0	-2.071e+04	4.959e+04	-5.757e+04	-8.276e+05	3.818e+06	2.982e+05
3	6	40.00	-2.187e+04	4.959e+04	-5.757e+04	-6.249e+05	3.797e+06	2.759e+05
3	6	80.00	-1.959e+04	4.067e+04	-3.981e+04	-1.284e+06	1.840e+06	3.636e+05
3	6	120.00	-1.715e+04	3.358e+04	-2.697e+04	-1.617e+06	5.028e+05	3.406e+05
3	6	160.00	-1.462e+04	2.754e+04	-1.693e+04	-1.698e+06	-3.754e+05	3.310e+05
3	6	200.00	-1.205e+04	2.228e+04	-8889.15	-1.587e+06	-8.914e+05	3.262e+05
3	6	240.00	-9456.02	1.764e+04	-2376.85	-1.329e+06	-1.116e+06	3.260e+05
3	6	280.00	-6895.06	1.343e+04	2912.01	-9.682e+05	-1.104e+06	3.304e+05
3	6	320.00	-4426.82	9415.33	7127.06	-5.551e+05	-9.031e+05	3.377e+05
3	6	360.00	-2162.56	5222.26	9949.44	-1.583e+05	-5.622e+05	3.573e+05
3	6	400.00	-82.75	844.20	8589.02	1.468e+05	-1.836e+05	2.506e+05
3	8	0.0	-9784.48	7.137e+04	-1.883e+04	1.476e+06	2.462e+05	-1.931e+05
3	8	40.00	-2505.49	7.137e+04	-1.883e+04	4.766e+04	2.443e+05	-2.087e+05
3	8	80.00	-2452.87	9.209e+04	-1.049e+04	-6.051e+04	-3.423e+05	-2.930e+05
3	8	120.00	-1566.95	1.045e+05	-4562.00	-4.330e+05	-6.426e+05	-2.984e+05
3	8	160.00	-190.56	1.106e+05	-359.98	-1.008e+06	-7.403e+05	-3.045e+05
3	8	200.00	1378.41	1.109e+05	2466.57	-1.672e+06	-6.975e+05	-3.060e+05
3	8	240.00	2938.55	1.059e+05	4121.01	-2.321e+06	-5.652e+05	-3.040e+05
3	8	280.00	4319.35	9.535e+04	4712.09	-2.852e+06	-3.882e+05	-2.996e+05
3	8	320.00	5368.39	7.902e+04	4257.51	-3.142e+06	-2.085e+05	-2.935e+05
3	8	360.00	5923.23	5.603e+04	2722.26	-3.016e+06	-6.864e+04	-2.966e+05
3	8	400.00	6064.19	2.382e+04	414.93	-2.305e+06	-6777.85	-2.223e+05
3	14	0.0	-1.071e+04	5.598e+04	-2.866e+04	6.257e+05	1.391e+06	8.608e+04
3	14	40.00	-8821.16	5.598e+04	-2.866e+04	9.625e+04	1.383e+06	6.983e+04
3	14	80.00	-8096.60	6.023e+04	-1.850e+04	-3.394e+05	4.370e+05	8.688e+04
3	14	120.00	-7035.78	6.176e+04	-1.120e+04	-7.449e+05	-1.571e+05	7.389e+04
3	14	160.00	-5780.77	6.111e+04	-5719.68	-1.116e+06	-4.952e+05	6.718e+04
3	14	200.00	-4431.32	5.849e+04	-1614.53	-1.426e+06	-6.414e+05	6.411e+04
3	14	240.00	-3056.01	5.396e+04	1369.57	-1.650e+06	-6.458e+05	6.402e+04
3	14	280.00	-1711.06	4.745e+04	3387.54	-1.763e+06	-5.502e+05	6.648e+04
3	14	320.00	-442.65	3.868e+04	4492.88	-1.732e+06	-3.923e+05	6.997e+04
3	14	360.00	701.48	2.708e+04	4559.61	-1.502e+06	-2.113e+05	7.443e+04
3	14	400.00	1860.26	1.124e+04	2888.34	-1.024e+06	-6.053e+04	4.555e+04
3	16	0.0	-9476.41	6.146e+04	-2.392e+04	1.016e+06	8.432e+05	-1.156e+04
3	16	40.00	-5869.33	6.146e+04	-2.392e+04	1.818e+05	8.387e+05	-2.736e+04
3	16	80.00	-5516.28	7.125e+04	-1.464e+04	-1.533e+05	6.590e+04	-4.534e+04
3	16	120.00	-4660.63	7.645e+04	-7995.07	-5.648e+05	-3.864e+05	-5.545e+04
3	16	160.00	-3509.27	7.804e+04	-3125.75	-1.025e+06	-6.083e+05	-6.184e+04
3	16	200.00	-2225.59	7.642e+04	364.05	-1.475e+06	-6.629e+05	-6.434e+04
3	16	240.00	-919.17	7.171e+04	2703.08	-1.865e+06	-6.011e+05	-6.388e+04
3	16	280.00	320.46	6.386e+04	4022.39	-2.139e+06	-4.661e+05	-6.108e+04
3	16	320.00	1419.68	5.256e+04	4356.13	-2.234e+06	-2.983e+05	-5.733e+04
3	16	360.00	2308.63	3.714e+04	3621.65	-2.050e+06	-1.386e+05	-5.675e+04
3	16	400.00	3126.69	1.572e+04	1631.55	-1.490e+06	-3.317e+04	-4.967e+04
3	18	0.0	-1.082e+04	5.836e+04	-2.742e+04	6.479e+05	1.249e+06	5.284e+04
3	18	40.00	-8101.42	5.836e+04	-2.742e+04	1.409e+04	1.243e+06	3.754e+04
3	18	80.00	-7427.15	6.443e+04	-1.749e+04	-3.925e+05	3.420e+05	4.294e+04
3	18	120.00	-6342.11	6.717e+04	-1.035e+04	-7.984e+05	-2.147e+05	3.102e+04
3	18	160.00	-5022.54	6.723e+04	-5033.72	-1.194e+06	-5.221e+05	2.438e+04
3	18	200.00	-3597.14	6.490e+04	-1097.79	-1.542e+06	-6.442e+05	2.139e+04
3	18	240.00	-2154.68	6.024e+04	1706.31	-1.810e+06	-6.315e+05	2.138e+04
3	18	280.00	-769.46	5.320e+04	3530.06	-1.962e+06	-5.264e+05	2.389e+04
3	18	320.00	493.77	4.347e+04	4427.24	-1.955e+06	-3.670e+05	2.759e+04

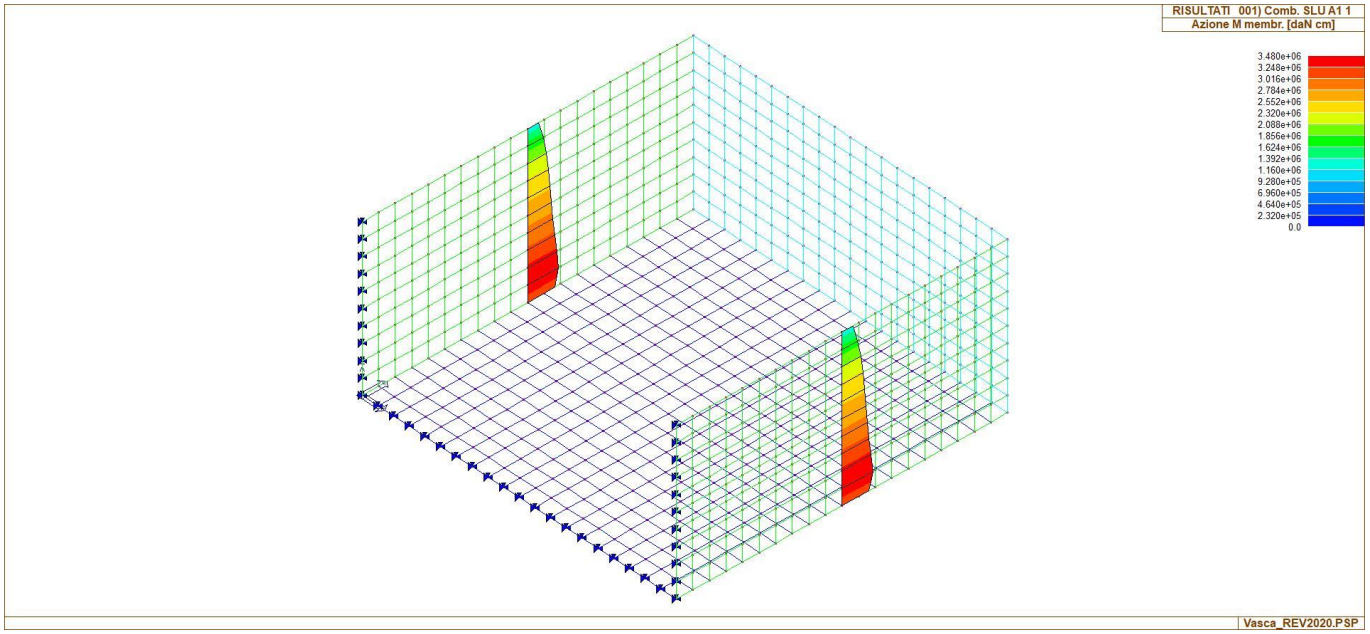
M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
3	18	360.00	1562.61	3.048e+04	4294.41	-1.719e+06	-1.926e+05	3.143e+04
3	18	400.00	2552.98	1.271e+04	2572.07	-1.197e+06	-5.369e+04	1.581e+04
3	21	0.0	-5.428e+04	-3.492e+04	-6.215e+04	2.358e+06	4.381e+06	-1.480e+04
3	21	40.00	-5.575e+04	-3.492e+04	-6.215e+04	2.677e+06	4.376e+06	-3.298e+04
3	21	80.00	-4.961e+04	-3.911e+04	-4.297e+04	2.536e+06	2.270e+06	-3.957e+04
3	21	120.00	-4.347e+04	-4.070e+04	-2.796e+04	2.354e+06	8.506e+05	-3.826e+04
3	21	160.00	-3.747e+04	-4.087e+04	-1.644e+04	2.197e+06	-3.761e+04	-3.774e+04
3	21	200.00	-3.160e+04	-3.980e+04	-7754.09	2.063e+06	-5.211e+05	-3.741e+04
3	21	240.00	-2.588e+04	-3.741e+04	-1407.94	1.941e+06	-7.037e+05	-3.692e+04
3	21	280.00	-2.028e+04	-3.352e+04	2928.87	1.805e+06	-6.727e+05	-3.620e+04
3	21	320.00	-1.480e+04	-2.788e+04	5424.05	1.623e+06	-5.053e+05	-3.620e+04
3	21	360.00	-9407.55	-2.015e+04	5986.09	1.345e+06	-2.772e+05	-3.982e+04
3	21	400.00	-4117.71	-9170.19	3816.58	9.581e+05	-7.928e+04	-4.358e+04
3	22	0.0	-4308.53	7.021e+04	-2.161e+04	6.837e+05	6.847e+05	4.332e+04
3	22	40.00	-1143.32	7.021e+04	-2.161e+04	-1.242e+05	6.787e+05	2.718e+04
3	22	80.00	-1343.58	7.867e+04	-1.311e+04	-5.372e+05	-1.775e+04	2.719e+04
3	22	120.00	-1079.20	8.270e+04	-7170.83	-9.747e+05	-4.230e+05	1.400e+04
3	22	160.00	-524.66	8.329e+04	-2813.33	-1.425e+06	-6.222e+05	6586.85
3	22	200.00	175.69	8.079e+04	350.61	-1.842e+06	-6.708e+05	3465.82
3	22	240.00	924.53	7.533e+04	2529.53	-2.179e+06	-6.127e+05	3673.53
3	22	280.00	1641.81	6.680e+04	3840.39	-2.388e+06	-4.849e+05	6571.90
3	22	320.00	2262.75	5.484e+04	4308.13	-2.411e+06	-3.216e+05	1.058e+04
3	22	360.00	2725.15	3.869e+04	3823.28	-2.154e+06	-1.590e+05	1.353e+04
3	22	400.00	3199.59	1.636e+04	2005.77	-1.529e+06	-4.148e+04	1402.81
3	23	0.0	-5.428e+04	-3.492e+04	-6.215e+04	2.358e+06	4.381e+06	-1.480e+04
3	23	40.00	-5.575e+04	-3.492e+04	-6.215e+04	2.677e+06	4.376e+06	-3.298e+04
3	23	80.00	-4.961e+04	-3.911e+04	-4.297e+04	2.536e+06	2.270e+06	-3.957e+04
3	23	120.00	-4.347e+04	-4.070e+04	-2.796e+04	2.354e+06	8.506e+05	-3.826e+04
3	23	160.00	-3.747e+04	-4.087e+04	-1.644e+04	2.197e+06	-3.761e+04	-3.774e+04
3	23	200.00	-3.160e+04	-3.980e+04	-7754.09	2.063e+06	-5.211e+05	-3.741e+04
3	23	240.00	-2.588e+04	-3.741e+04	-1407.94	1.941e+06	-7.037e+05	-3.692e+04
3	23	280.00	-2.028e+04	-3.352e+04	2928.87	1.805e+06	-6.727e+05	-3.620e+04
3	23	320.00	-1.480e+04	-2.788e+04	5424.05	1.623e+06	-5.053e+05	-3.620e+04
3	23	360.00	-9407.55	-2.015e+04	5986.09	1.345e+06	-2.772e+05	-3.982e+04
3	23	400.00	-4117.71	-9170.19	3816.58	9.581e+05	-7.928e+04	-4.358e+04
3	24	0.0	-9860.61	5.852e+04	-2.611e+04	8.697e+05	1.095e+06	3.686e+04
3	24	40.00	-7210.93	5.852e+04	-2.611e+04	1.871e+05	1.089e+06	2.050e+04
3	24	80.00	-6706.30	6.559e+04	-1.643e+04	-1.957e+05	2.365e+05	1.977e+04
3	24	120.00	-5789.22	6.899e+04	-9481.05	-6.049e+05	-2.815e+05	8189.08
3	24	160.00	-4629.25	6.949e+04	-4327.61	-1.023e+06	-5.572e+05	1661.34
3	24	200.00	-3355.11	6.739e+04	-549.91	-1.408e+06	-6.542e+05	-1076.19
3	24	240.00	-2053.35	6.281e+04	2092.03	-1.721e+06	-6.228e+05	-837.35
3	24	280.00	-794.11	5.565e+04	3739.11	-1.922e+06	-5.058e+05	1819.51
3	24	320.00	366.54	4.565e+04	4432.13	-1.963e+06	-3.421e+05	5385.24
3	24	360.00	1377.07	3.216e+04	4063.60	-1.765e+06	-1.721e+05	7598.39
3	24	400.00	2386.56	1.352e+04	2206.97	-1.252e+06	-4.568e+04	-3595.15
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-7.248e+04	-5.313e+04	-8.080e+04	-5.184e+06	-1.786e+06	-3.060e+05
			3.526e+04	1.661e+05	9949.44	3.480e+06	5.695e+06	3.636e+05

Macro	Tipo	Angolo 1-Z (gradi)
4	**Setto**	**0.0**

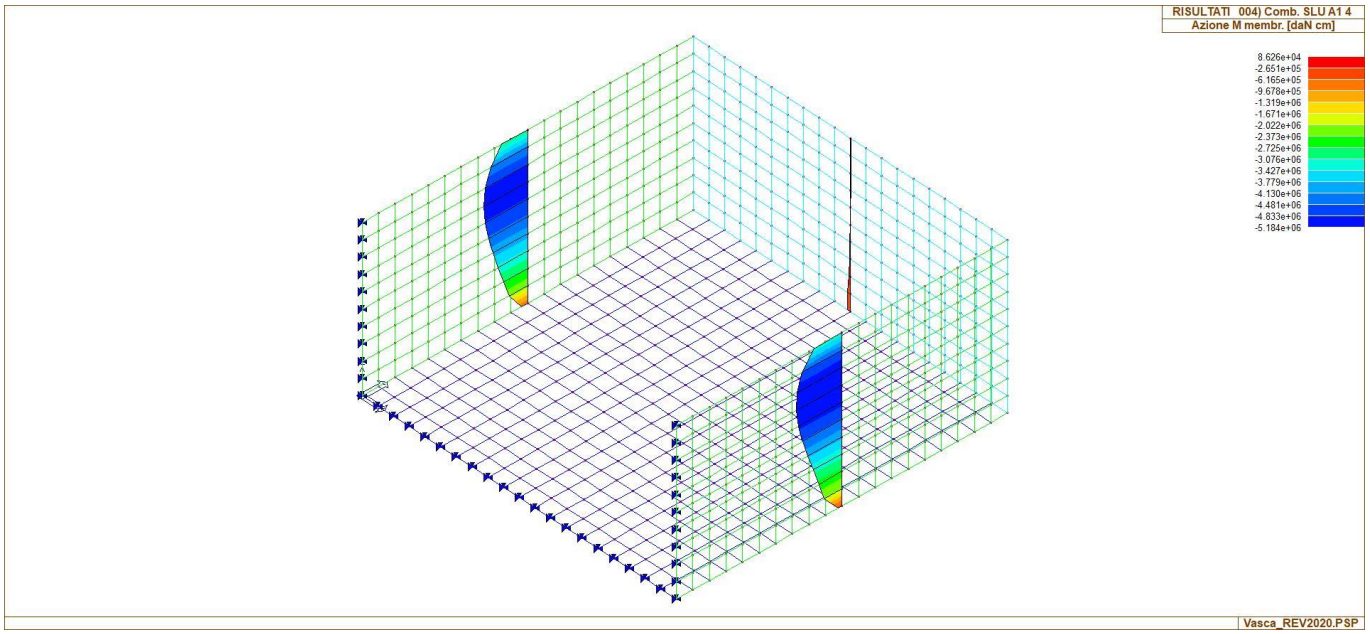
M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
4	1	0.0	-5.845e+04	0.0	-7.011e+04	0.0	4.507e+06	0.0
4	1	40.00	-5.692e+04	0.0	-7.011e+04	0.0	4.507e+06	0.0
4	1	80.00	-5.142e+04	0.0	-4.759e+04	0.0	2.153e+06	0.0
4	1	120.00	-4.531e+04	0.0	-2.975e+04	0.0	6.067e+05	0.0
4	1	160.00	-3.882e+04	0.0	-1.611e+04	0.0	-3.102e+05	0.0
4	1	200.00	-3.219e+04	0.0	-6044.28	0.0	-7.531e+05	0.0
4	1	240.00	-2.559e+04	0.0	993.76	0.0	-8.541e+05	0.0
4	1	280.00	-1.917e+04	0.0	5375.25	0.0	-7.266e+05	0.0
4	1	320.00	-1.306e+04	0.0	7197.76	0.0	-4.750e+05	0.0
4	1	360.00	-7316.72	0.0	6197.00	0.0	-2.070e+05	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
4	1	400.00	-1852.67	0.0	2111.77	0.0	-4.137e+04	0.0
4	2	0.0	1.234e+04	3363.77	-1.534e+04	-3.451e+05	-1.188e+05	2.934e+04
4	2	40.00	5946.43	3363.77	-1.534e+04	-3.108e+05	-1.194e+05	2.610e+04
4	2	80.00	6660.69	3573.67	-7968.14	-2.086e+05	-5.856e+05	3.444e+04
4	2	120.00	5416.79	3619.17	-3222.13	-1.314e+05	-8.093e+05	3.226e+04
4	2	160.00	3116.37	3531.26	-14.62	-7.172e+04	-8.739e+05	3.177e+04
4	2	200.00	383.03	3328.51	2220.26	-2.481e+04	-8.297e+05	3.178e+04
4	2	240.00	-2274.11	3023.52	3734.46	1.314e+04	-7.106e+05	3.217e+04
4	2	280.00	-4406.10	2627.68	4627.99	4.501e+04	-5.433e+05	3.275e+04
4	2	320.00	-5588.83	2147.59	4870.10	7.150e+04	-3.534e+05	3.300e+04
4	2	360.00	-5403.28	1563.22	4276.28	8.626e+04	-1.707e+05	3.283e+04
4	2	400.00	-3357.38	729.61	2123.60	7.223e+04	-4.280e+04	2.087e+04
4	4	0.0	2.583e+04	3363.77	840.99	-3.451e+05	-1.159e+06	2.934e+04
4	4	40.00	1.908e+04	3363.77	840.99	-3.108e+05	-1.160e+06	2.610e+04
4	4	80.00	1.853e+04	3573.67	3015.01	-2.086e+05	-1.082e+06	3.444e+04
4	4	120.00	1.587e+04	3619.17	3642.23	-1.314e+05	-9.492e+05	3.226e+04
4	4	160.00	1.208e+04	3531.26	3702.24	-7.172e+04	-8.023e+05	3.177e+04
4	4	200.00	7811.53	3328.51	3615.09	-2.481e+04	-6.559e+05	3.178e+04
4	4	240.00	3630.90	3023.52	3505.13	1.314e+04	-5.135e+05	3.217e+04
4	4	280.00	17.91	2627.68	3387.54	4.501e+04	-3.756e+05	3.275e+04
4	4	320.00	-2575.12	2147.59	3209.08	7.150e+04	-2.438e+05	3.300e+04
4	4	360.00	-3714.80	1563.22	2846.20	8.626e+04	-1.229e+05	3.283e+04
4	4	400.00	-2929.84	729.61	1636.27	7.223e+04	-3.326e+04	2.087e+04
4	7	0.0	-5998.61	4.072e+04	-2.798e+04	-2.681e+06	1.128e+06	3.252e+05
4	7	40.00	-9819.47	4.072e+04	-2.798e+04	-2.499e+06	1.129e+06	2.982e+05
4	7	80.00	-8183.41	4.188e+04	-1.762e+04	-1.420e+06	2.173e+05	3.939e+05
4	7	120.00	-7495.75	4.142e+04	-1.005e+04	-6.853e+05	-3.359e+05	3.704e+05
4	7	160.00	-7315.07	3.968e+04	-4457.56	-1.775e+05	-6.259e+05	3.641e+05
4	7	200.00	-7348.53	3.689e+04	-338.57	1.717e+05	-7.217e+05	3.626e+05
4	7	240.00	-7357.94	3.317e+04	2585.07	4.143e+05	-6.767e+05	3.655e+05
4	7	280.00	-7131.76	2.861e+04	4441.13	5.918e+05	-5.362e+05	3.713e+05
4	7	320.00	-6458.29	2.320e+04	5170.02	7.258e+05	-3.440e+05	3.757e+05
4	7	360.00	-5089.37	1.669e+04	4434.88	7.786e+05	-1.520e+05	3.817e+05
4	7	400.00	-2633.32	7615.39	1611.14	6.254e+05	-3.165e+04	2.588e+05
4	8	0.0	-795.60	4.072e+04	-1.843e+04	-2.681e+06	2.592e+05	3.252e+05
4	8	40.00	-4973.65	4.072e+04	-1.843e+04	-2.499e+06	2.625e+05	2.982e+05
4	8	80.00	-4030.42	4.188e+04	-1.036e+04	-1.420e+06	-3.112e+05	3.939e+05
4	8	120.00	-4140.80	4.142e+04	-4593.79	-6.853e+05	-6.094e+05	3.704e+05
4	8	160.00	-4802.97	3.968e+04	-512.57	-1.775e+05	-7.111e+05	3.641e+05
4	8	200.00	-5685.19	3.689e+04	2268.51	1.717e+05	-6.758e+05	3.626e+05
4	8	240.00	-6511.14	3.317e+04	3963.67	4.143e+05	-5.511e+05	3.655e+05
4	8	280.00	-7023.60	2.861e+04	4664.89	5.918e+05	-3.786e+05	3.713e+05
4	8	320.00	-6946.43	2.320e+04	4324.06	7.258e+05	-1.989e+05	3.757e+05
4	8	360.00	-5918.86	1.669e+04	2773.49	7.786e+05	-5.697e+04	3.817e+05
4	8	400.00	-3447.79	7615.39	167.55	6.254e+05	-480.42	2.588e+05
4	9	0.0	-1.935e+04	-9884.13	-4.972e+04	5.651e+05	3.076e+06	-7.723e+04
4	9	40.00	-2.178e+04	-9884.13	-4.972e+04	5.342e+05	3.069e+06	-7.136e+04
4	9	80.00	-1.848e+04	-1.009e+04	-3.398e+04	2.815e+05	1.392e+06	-9.429e+04
4	9	120.00	-1.585e+04	-9915.37	-2.221e+04	1.145e+05	2.667e+05	-8.875e+04
4	9	160.00	-1.358e+04	-9455.46	-1.316e+04	3530.95	-4.415e+05	-8.719e+04
4	9	200.00	-1.150e+04	-8759.07	-6055.73	-6.870e+04	-8.260e+05	-8.675e+04
4	9	240.00	-9455.12	-7855.32	-449.24	-1.152e+05	-9.559e+05	-8.734e+04
4	9	280.00	-7355.68	-6760.53	3887.73	-1.463e+05	-8.869e+05	-8.868e+04
4	9	320.00	-5152.04	-5471.59	6922.17	-1.682e+05	-6.705e+05	-8.984e+04
4	9	360.00	-2885.76	-3921.82	8057.26	-1.738e+05	-3.711e+05	-9.175e+04
4	9	400.00	-476.55	-1778.76	5032.64	-1.375e+05	-1.057e+05	-6.317e+04
4	11	0.0	-1.935e+04	1.347e+04	-4.972e+04	-9.332e+05	3.076e+06	1.085e+05
4	11	40.00	-2.178e+04	1.347e+04	-4.972e+04	-8.658e+05	3.069e+06	9.920e+04
4	11	80.00	-1.848e+04	1.390e+04	-3.398e+04	-5.040e+05	1.392e+06	1.310e+05
4	11	120.00	-1.585e+04	1.378e+04	-2.221e+04	-2.546e+05	2.667e+05	1.232e+05
4	11	160.00	-1.358e+04	1.322e+04	-1.316e+04	-8.004e+04	-4.415e+05	1.211e+05
4	11	200.00	-1.150e+04	1.231e+04	-6055.73	4.224e+04	-8.260e+05	1.206e+05
4	11	240.00	-9455.12	1.108e+04	-449.24	1.292e+05	-9.559e+05	1.216e+05
4	11	280.00	-7355.68	9563.38	3887.73	1.943e+05	-8.869e+05	1.236e+05
4	11	320.00	-5152.04	7762.35	6922.17	2.444e+05	-6.705e+05	1.250e+05
4	11	360.00	-2885.76	5589.25	8057.26	2.658e+05	-3.711e+05	1.268e+05
4	11	400.00	-476.55	2557.00	5032.64	2.146e+05	-1.057e+05	8.543e+04
4	16	0.0	-6853.72	1.023e+04	-2.419e+04	-5.532e+05	9.356e+05	7.858e+04
4	16	40.00	-9928.46	1.023e+04	-2.419e+04	-5.298e+05	9.356e+05	7.268e+04
4	16	80.00	-8301.63	1.049e+04	-1.503e+04	-2.721e+05	1.514e+05	9.599e+04
4	16	120.00	-7580.28	1.041e+04	-8363.72	-1.031e+05	-3.164e+05	9.042e+04
4	16	160.00	-7337.74	1.001e+04	-3506.51	7848.22	-5.537e+05	8.890e+04
4	16	200.00	-7290.29	9346.20	-14.04	7.901e+04	-6.240e+05	8.851e+04
4	16	240.00	-7206.71	8420.27	2376.11	1.239e+05	-5.767e+05	8.914e+04

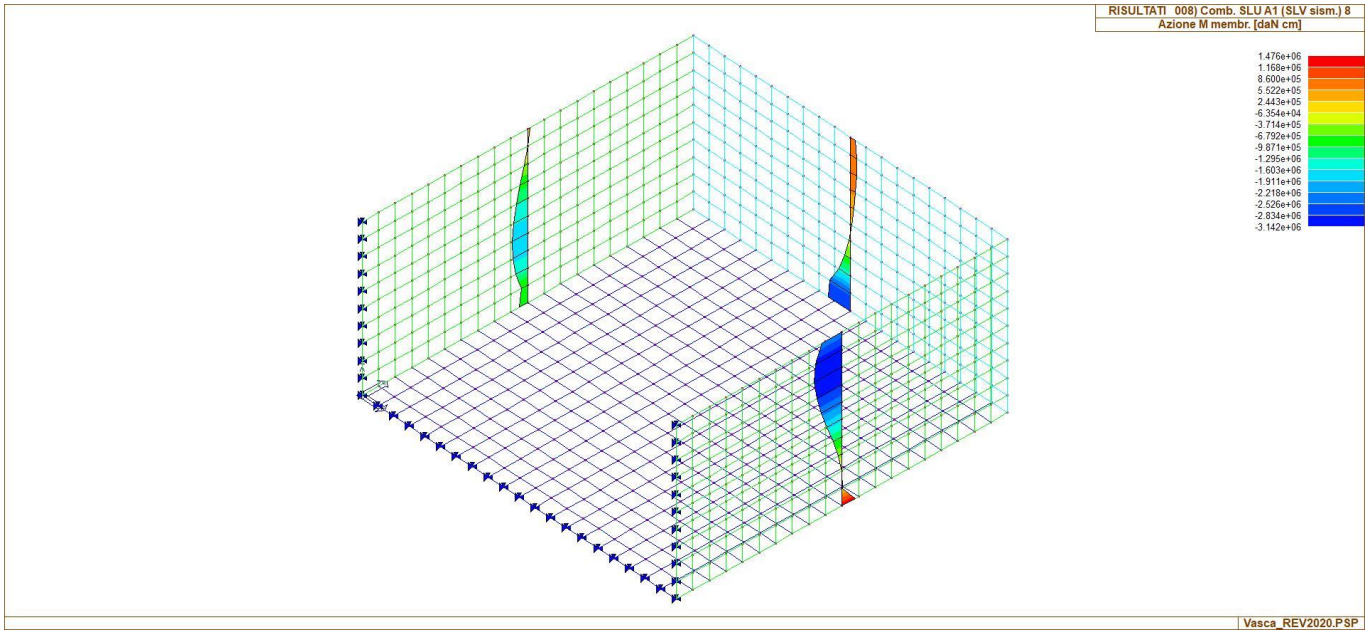
M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
4	16	280.00	-6880.55	7250.46	3802.61	1.532e+05	-4.531e+05	9.052e+04
4	16	320.00	-6109.88	5840.19	4273.70	1.731e+05	-2.916e+05	9.167e+04
4	16	360.00	-4677.40	4139.61	3642.55	1.769e+05	-1.334e+05	9.351e+04
4	16	400.00	-2291.74	1846.05	1526.62	1.387e+05	-3.032e+04	6.425e+04
4	17	0.0	-8377.37	-735.95	-2.649e+04	-7.329e+04	1.213e+06	-3230.89
4	17	40.00	-1.134e+04	-735.95	-2.649e+04	-5.657e+04	1.213e+06	-3706.87
4	17	80.00	-9497.27	-670.08	-1.696e+04	-6.299e+04	3.433e+05	-4916.47
4	17	120.00	-8526.63	-612.44	-9974.20	-6.015e+04	-1.954e+05	-4761.52
4	17	160.00	-8024.67	-555.87	-4809.71	-5.208e+04	-4.912e+05	-4644.42
4	17	200.00	-7719.36	-496.09	-1000.55	-4.090e+04	-6.073e+05	-4519.94
4	17	240.00	-7390.37	-429.77	1726.23	-2.806e+04	-5.928e+05	-4440.08
4	17	280.00	-6844.54	-353.28	3515.12	-1.476e+04	-4.879e+05	-4447.10
4	17	320.00	-5899.75	-263.06	4367.39	-2373.51	-3.303e+05	-4624.02
4	17	360.00	-4375.55	-158.05	4075.83	6736.89	-1.615e+05	-5292.67
4	17	400.00	-2013.99	-47.96	1977.84	8463.29	-4.016e+04	-4807.11
4	21	0.0	-4.496e+04	0.0	-5.393e+04	0.0	3.467e+06	0.0
4	21	40.00	-4.378e+04	0.0	-5.393e+04	0.0	3.467e+06	0.0
4	21	80.00	-3.955e+04	0.0	-3.661e+04	0.0	1.656e+06	0.0
4	21	120.00	-3.485e+04	0.0	-2.288e+04	0.0	4.667e+05	0.0
4	21	160.00	-2.986e+04	0.0	-1.239e+04	0.0	-2.387e+05	0.0
4	21	200.00	-2.476e+04	0.0	-4649.45	0.0	-5.793e+05	0.0
4	21	240.00	-1.968e+04	0.0	764.43	0.0	-6.570e+05	0.0
4	21	280.00	-1.475e+04	0.0	4134.81	0.0	-5.589e+05	0.0
4	21	320.00	-1.005e+04	0.0	5536.74	0.0	-3.654e+05	0.0
4	21	360.00	-5628.25	0.0	4766.92	0.0	-1.592e+05	0.0
4	21	400.00	-1425.13	0.0	1624.44	0.0	-3.182e+04	0.0
4	22	0.0	-2486.08	2018.26	-2.107e+04	-2.070e+05	6.913e+05	1.761e+04
4	22	40.00	-6063.94	2018.26	-2.107e+04	-1.865e+05	6.911e+05	1.566e+04
4	22	80.00	-4705.48	2144.20	-1.284e+04	-1.252e+05	1.307e+04	2.067e+04
4	22	120.00	-4417.13	2171.50	-6967.14	-7.882e+04	-3.829e+05	1.935e+04
4	22	160.00	-4700.28	2118.76	-2734.47	-4.303e+04	-5.768e+05	1.906e+04
4	22	200.00	-5217.76	1997.11	309.28	-1.489e+04	-6.253e+05	1.907e+04
4	22	240.00	-5694.81	1814.11	2408.85	7886.25	-5.709e+05	1.930e+04
4	22	280.00	-5887.94	1576.61	3686.45	2.701e+04	-4.489e+05	1.965e+04
4	22	320.00	-5563.35	1288.55	4140.14	4.290e+04	-2.924e+05	1.980e+04
4	22	360.00	-4480.18	937.93	3614.49	5.176e+04	-1.375e+05	1.970e+04
4	22	400.00	-2327.95	437.76	1631.54	4.334e+04	-3.268e+04	1.252e+04
4	23	0.0	-4.496e+04	0.0	-5.393e+04	0.0	3.467e+06	0.0
4	23	40.00	-4.378e+04	0.0	-5.393e+04	0.0	3.467e+06	0.0
4	23	80.00	-3.955e+04	0.0	-3.661e+04	0.0	1.656e+06	0.0
4	23	120.00	-3.485e+04	0.0	-2.288e+04	0.0	4.667e+05	0.0
4	23	160.00	-2.986e+04	0.0	-1.239e+04	0.0	-2.387e+05	0.0
4	23	200.00	-2.476e+04	0.0	-4649.45	0.0	-5.793e+05	0.0
4	23	240.00	-1.968e+04	0.0	764.43	0.0	-6.570e+05	0.0
4	23	280.00	-1.475e+04	0.0	4134.81	0.0	-5.589e+05	0.0
4	23	320.00	-1.005e+04	0.0	5536.74	0.0	-3.654e+05	0.0
4	23	360.00	-5628.25	0.0	4766.92	0.0	-1.592e+05	0.0
4	23	400.00	-1425.13	0.0	1624.44	0.0	-3.182e+04	0.0
4	24	0.0	-7205.33	1794.01	-2.472e+04	-1.840e+05	9.997e+05	1.565e+04
4	24	40.00	-1.025e+04	1794.01	-2.472e+04	-1.658e+05	9.995e+05	1.392e+04
4	24	80.00	-8577.54	1905.96	-1.548e+04	-1.112e+05	1.957e+05	1.837e+04
4	24	120.00	-7798.67	1930.22	-8735.37	-7.006e+04	-2.885e+05	1.720e+04
4	24	160.00	-7496.26	1883.34	-3807.25	-3.825e+04	-5.393e+05	1.694e+04
4	24	200.00	-7389.30	1775.20	-241.69	-1.323e+04	-6.202e+05	1.695e+04
4	24	240.00	-7249.09	1612.54	2226.14	7010.00	-5.804e+05	1.716e+04
4	24	280.00	-6872.24	1401.43	3736.27	2.401e+04	-4.612e+05	1.747e+04
4	24	320.00	-6061.39	1145.38	4295.32	3.813e+04	-3.005e+05	1.760e+04
4	24	360.00	-4607.74	833.71	3742.54	4.601e+04	-1.399e+05	1.751e+04
4	24	400.00	-2227.64	389.12	1630.75	3.852e+04	-3.259e+04	1.113e+04
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-5.845e+04	-1.009e+04	-7.011e+04	-2.681e+06	-1.160e+06	-9.429e+04
			2.583e+04	4.188e+04	8057.26	7.786e+05	4.507e+06	3.939e+05



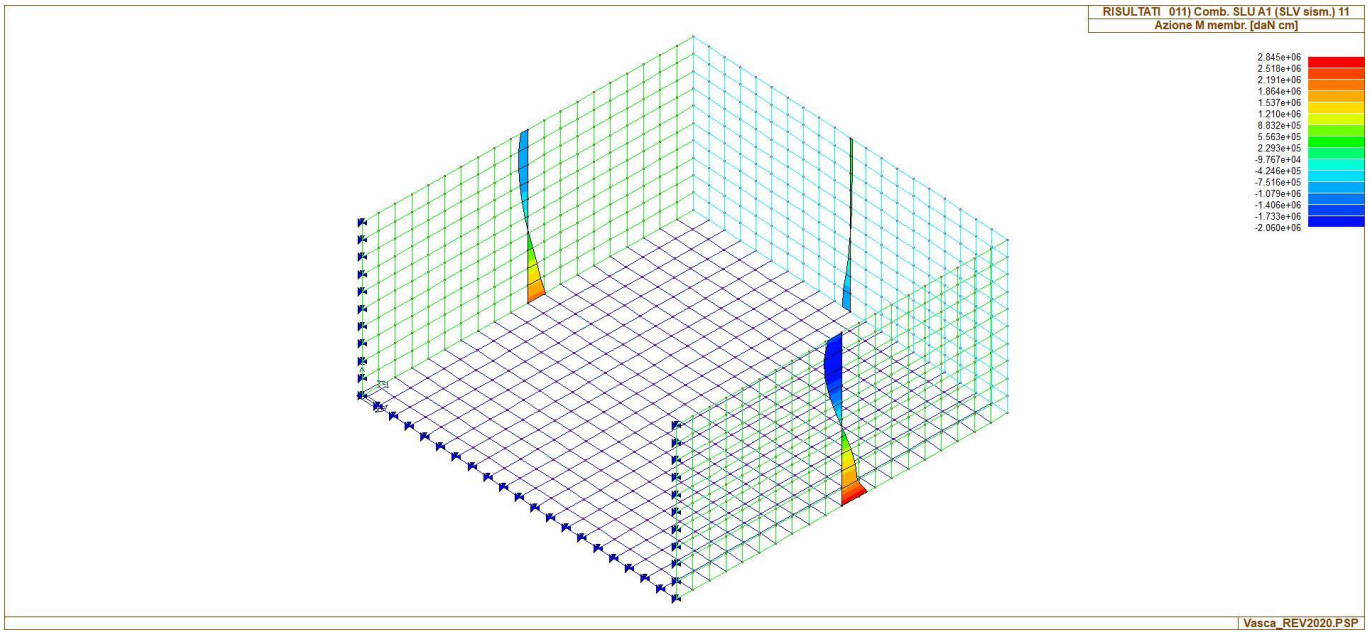
47_RIS_M_001_Comb. SLU A1 1



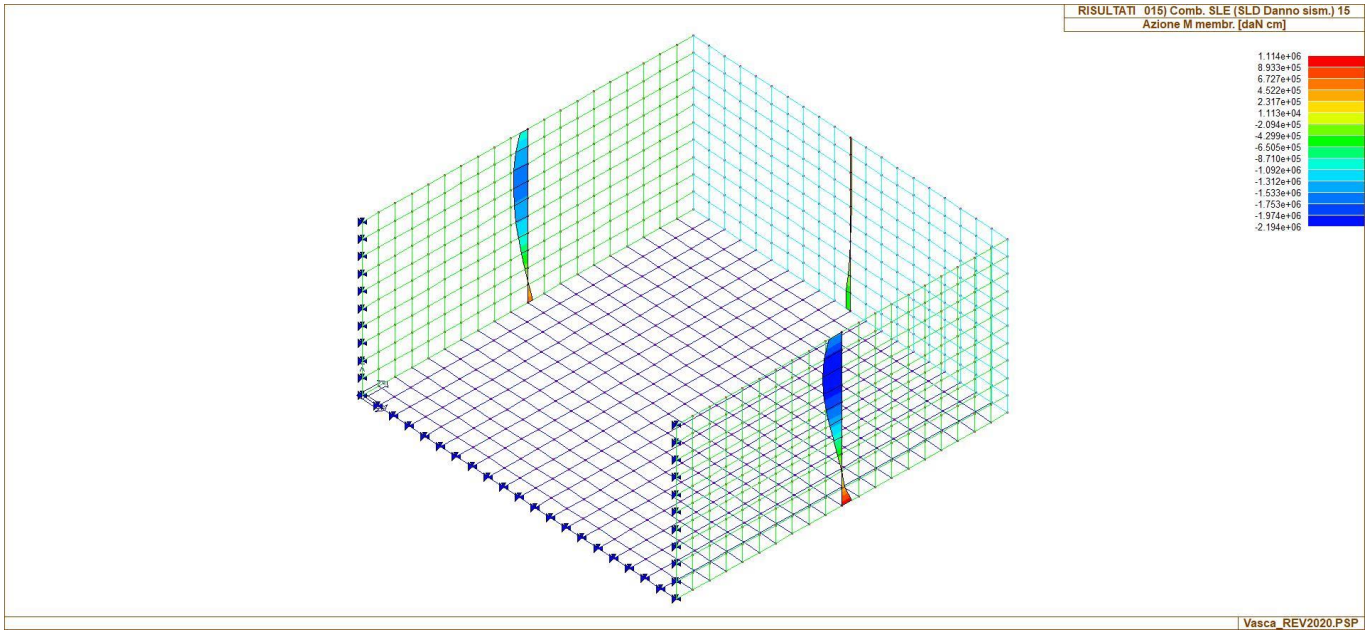
47_RIS_M_004_Comb. SLU A1 4



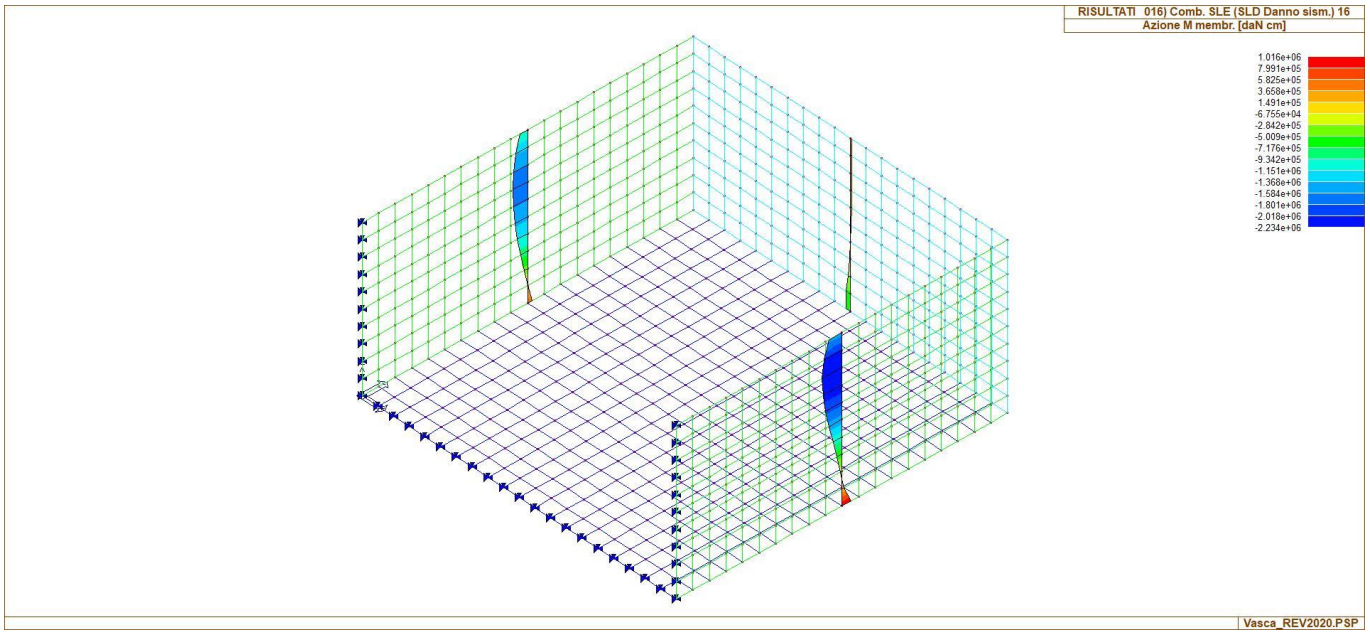
47_RIS_M_008_Comb. SLU A1 (SLV sism.) 8



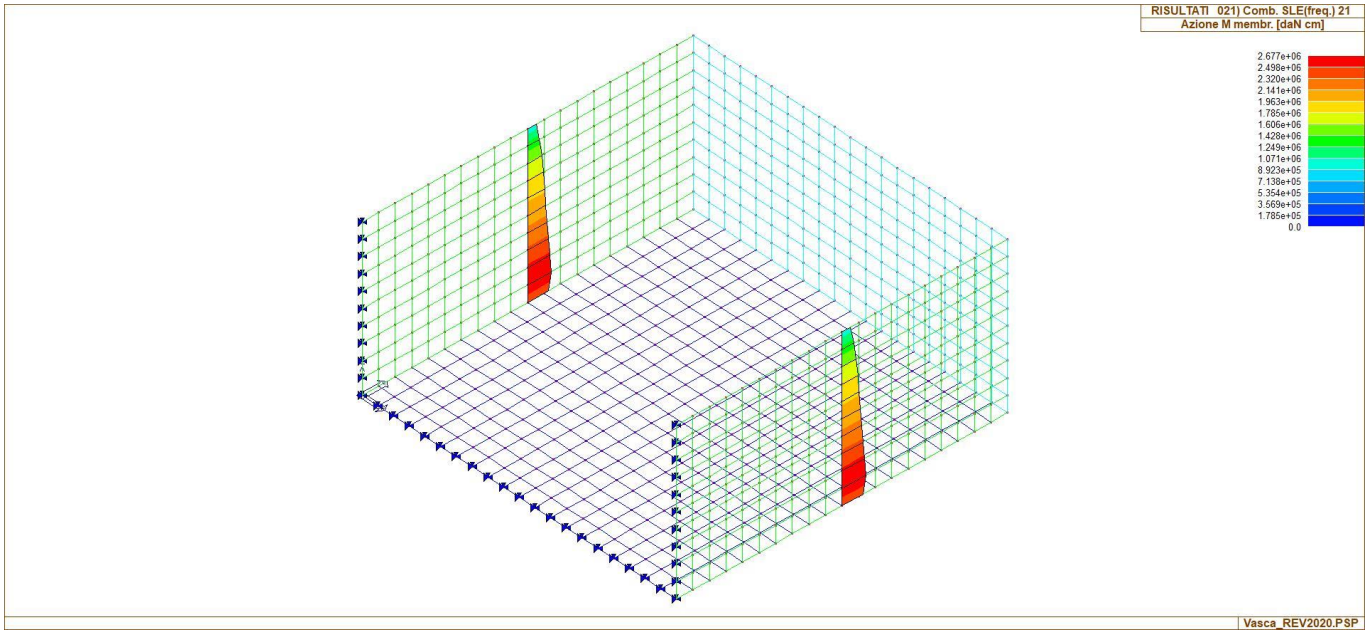
47_RIS_M_011_Comb. SLU A1 (SLV sism.) 11



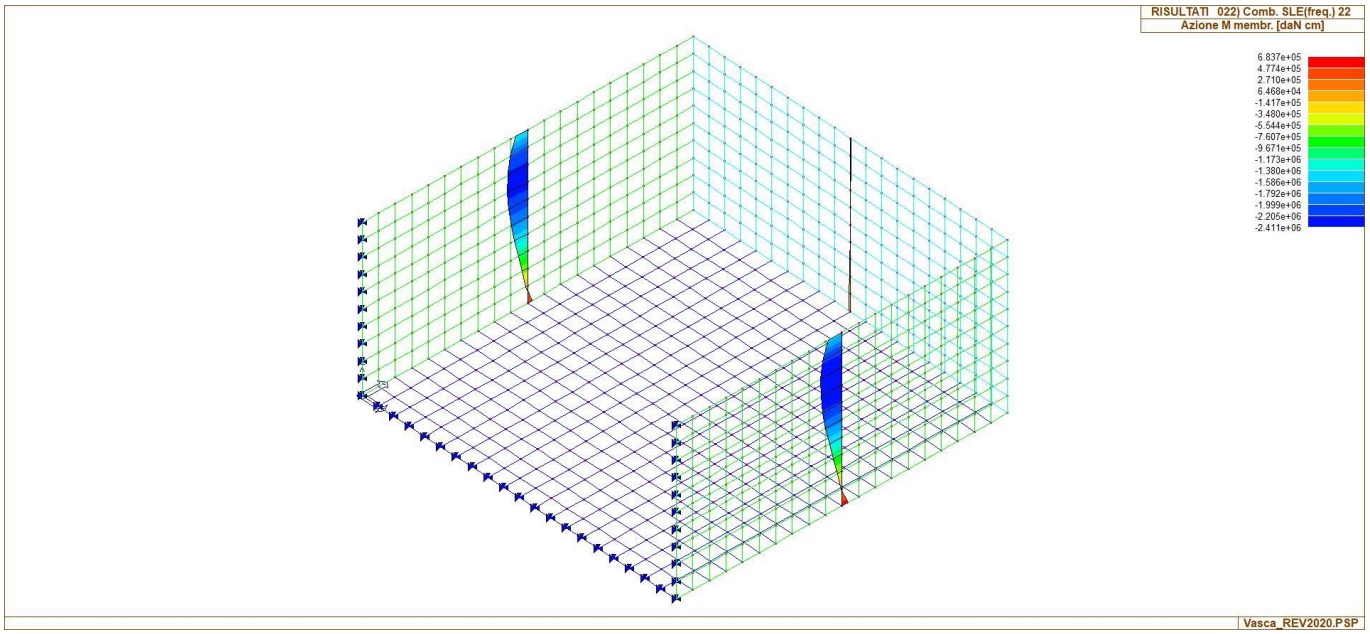
47_RIS_M_015_Comb. SLE (SLD Danno sism.) 15



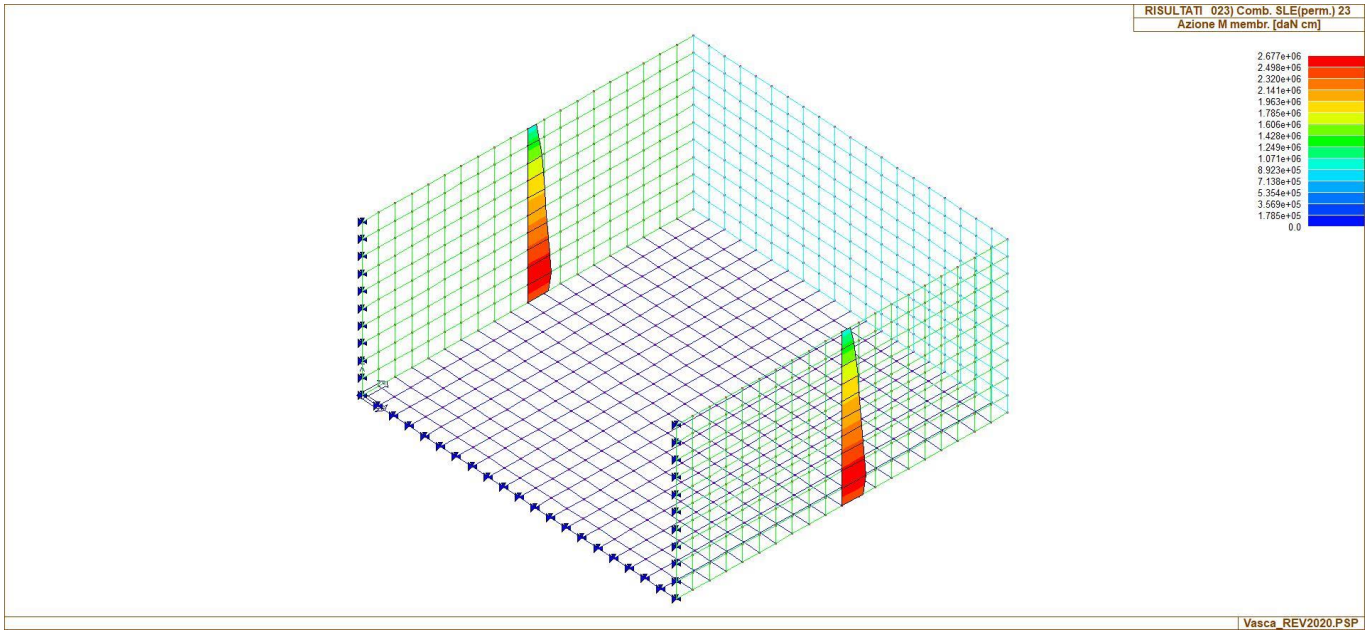
47_RIS_M_016_Comb. SLE (SLD Danno sism.) 16



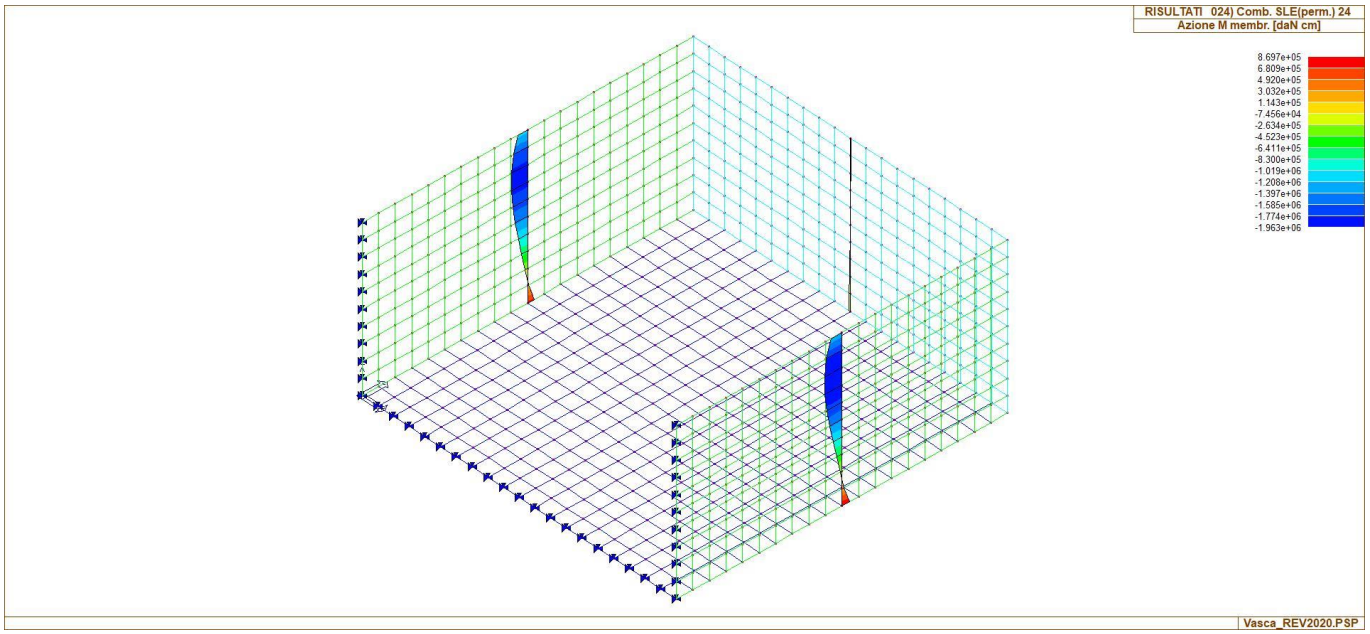
47_RIS_M_021_Comb. SLE(freq.) 21



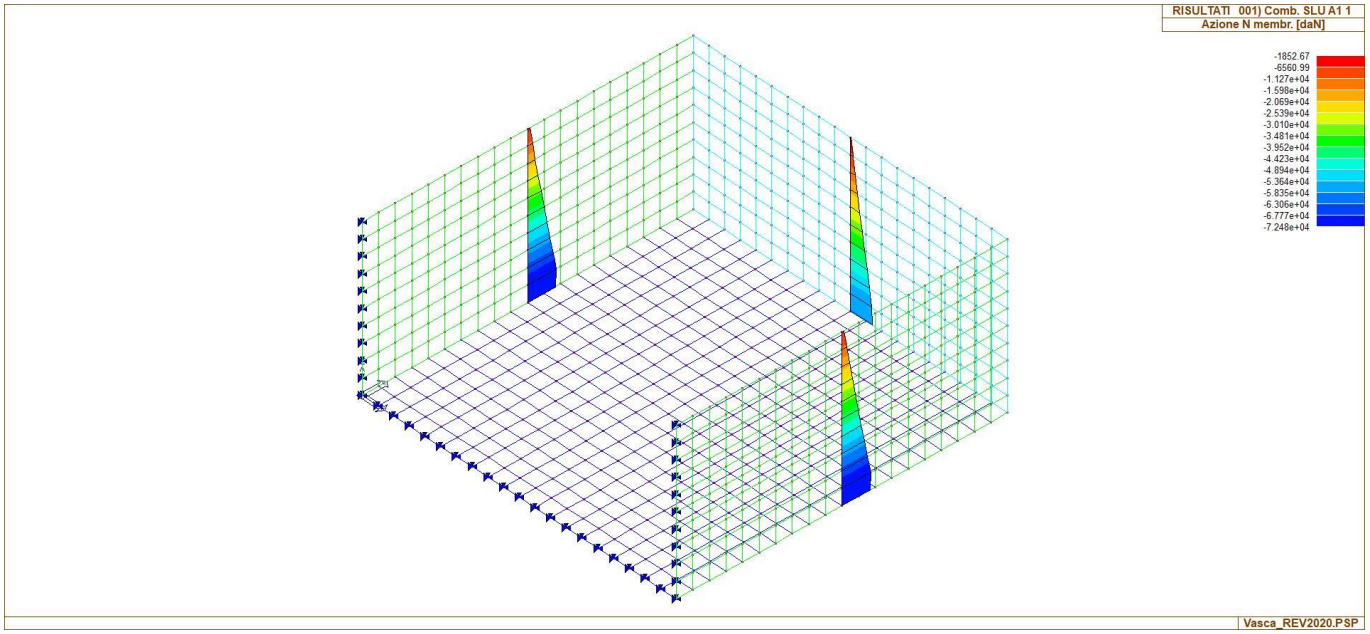
47_RIS_M_022_Comb. SLE(freq.) 22



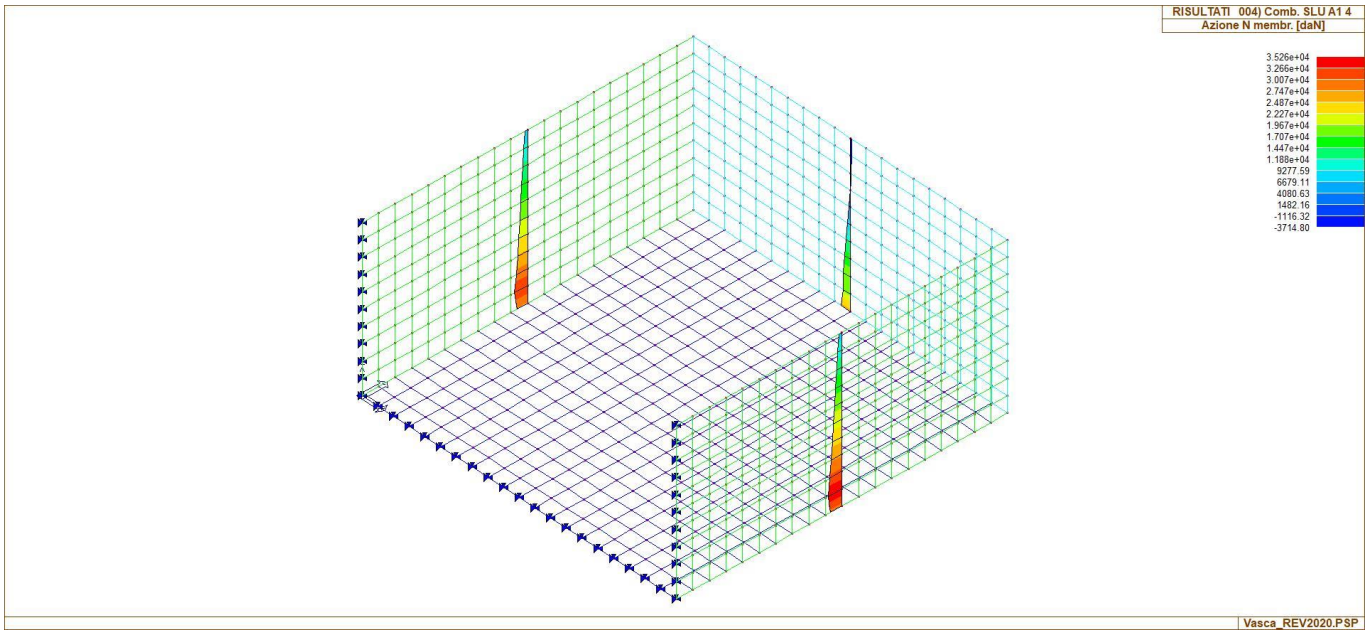
47_RIS_M_023_Comb. SLE(perm.) 23



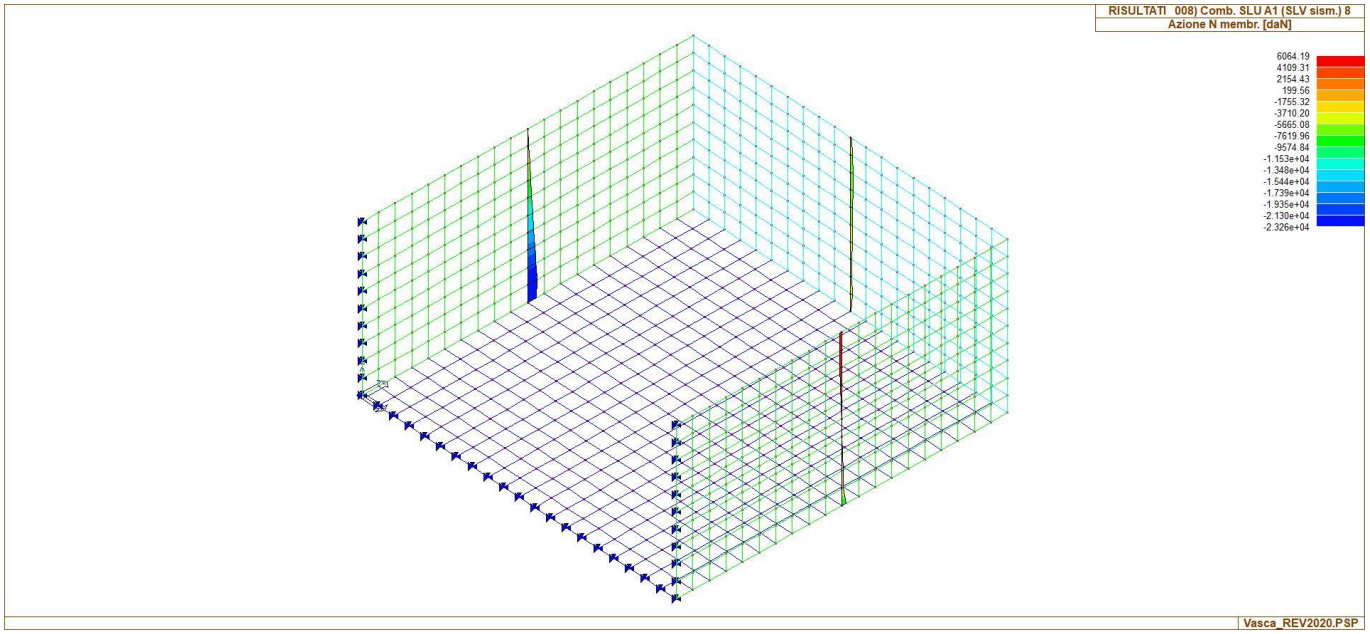
47_RIS_M_024_Comb. SLE(perm.) 24



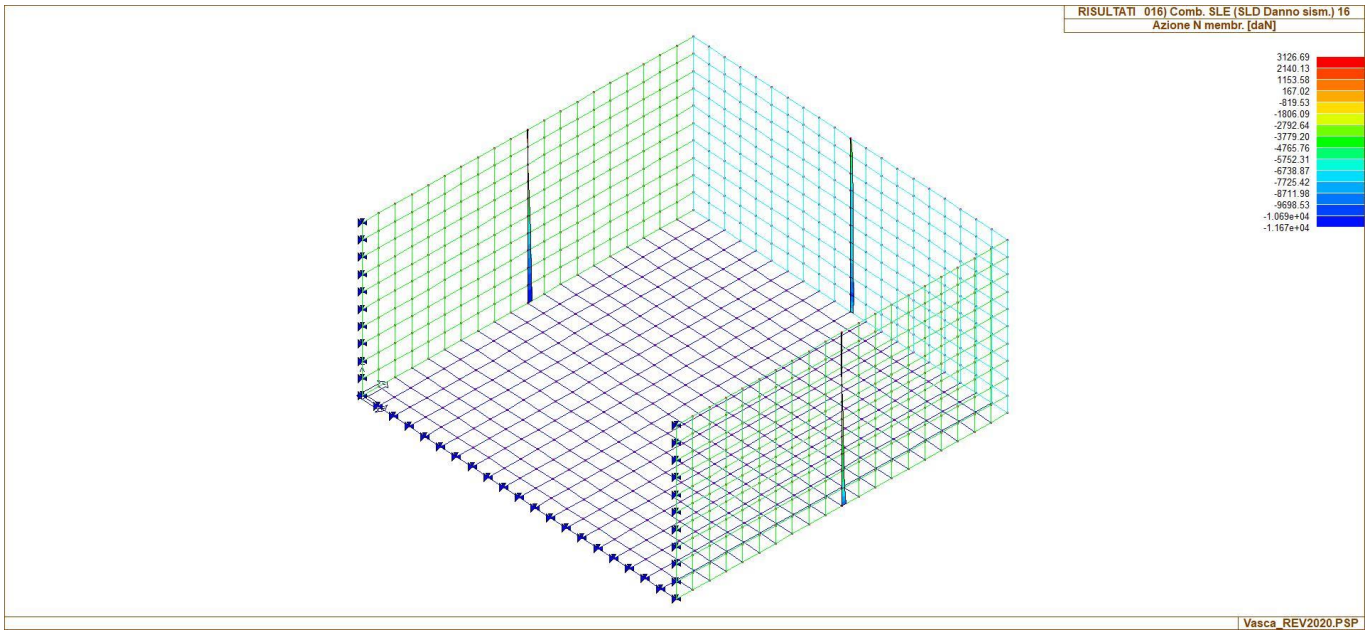
47_RIS_N_001_Comb. SLU A1 1



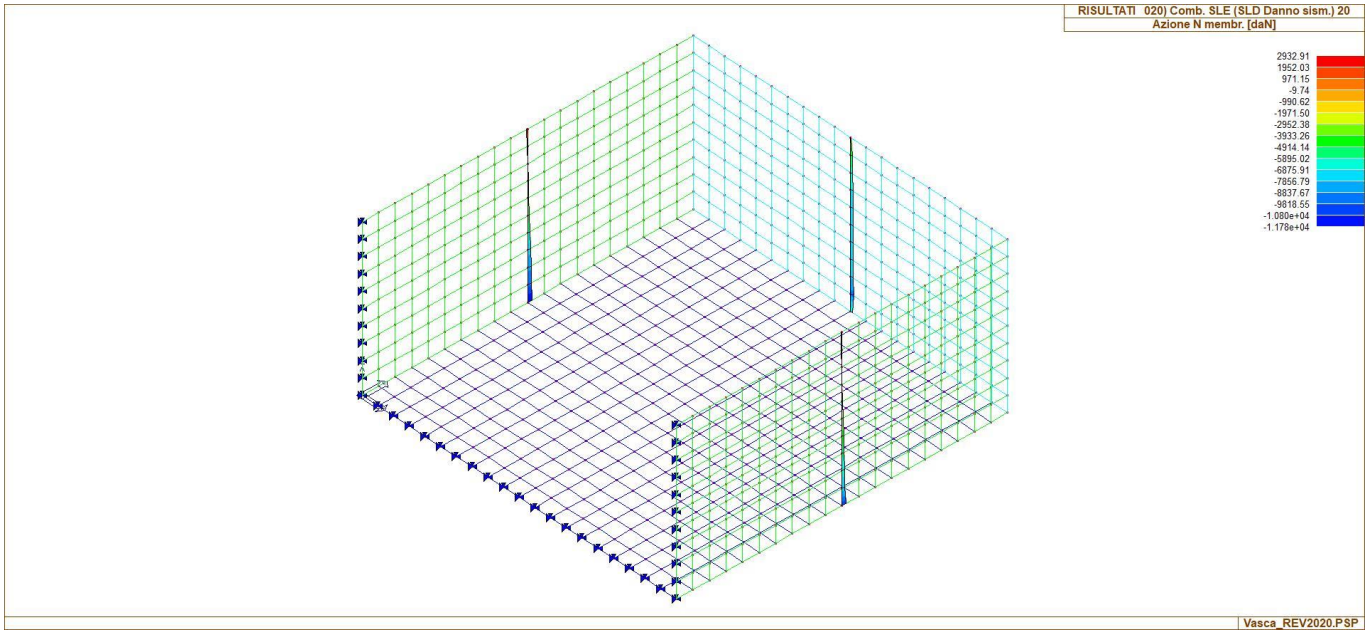
47_RIS_N_004_Comb. SLU A1 4



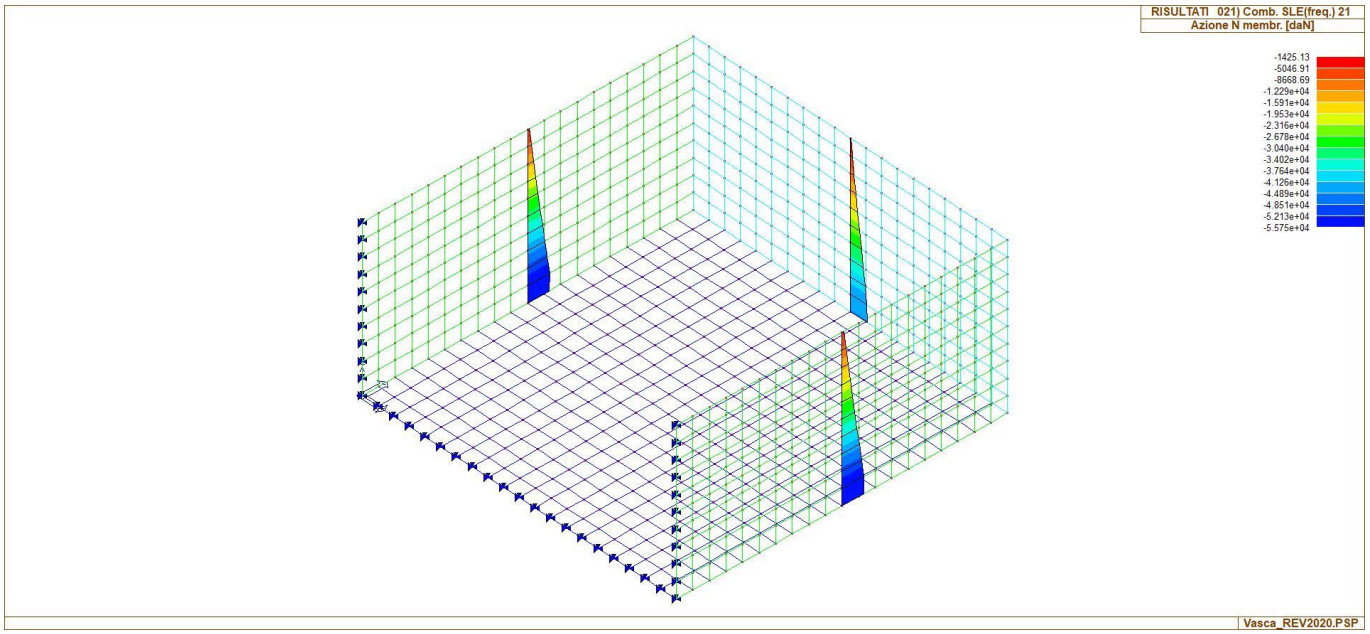
47_RIS_N_008_Comb. SLU A1 (SLV sism.) 8



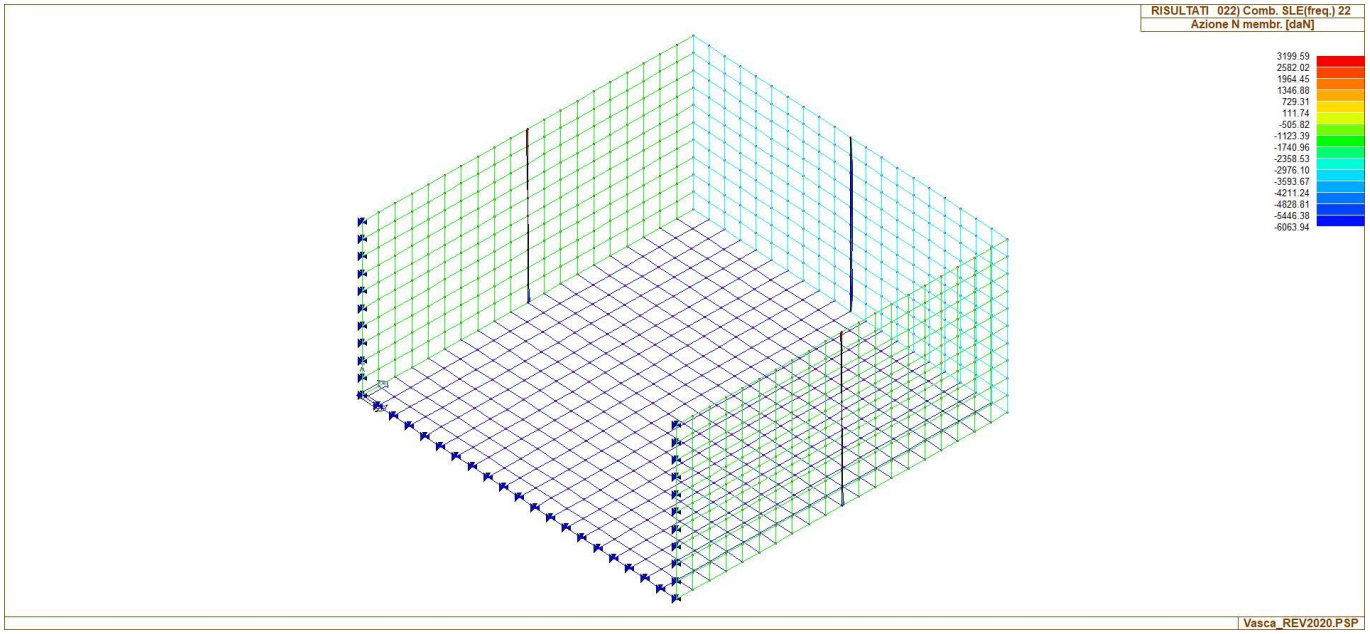
47_RIS_N_016_Comb. SLE (SLD Danno sism.) 16



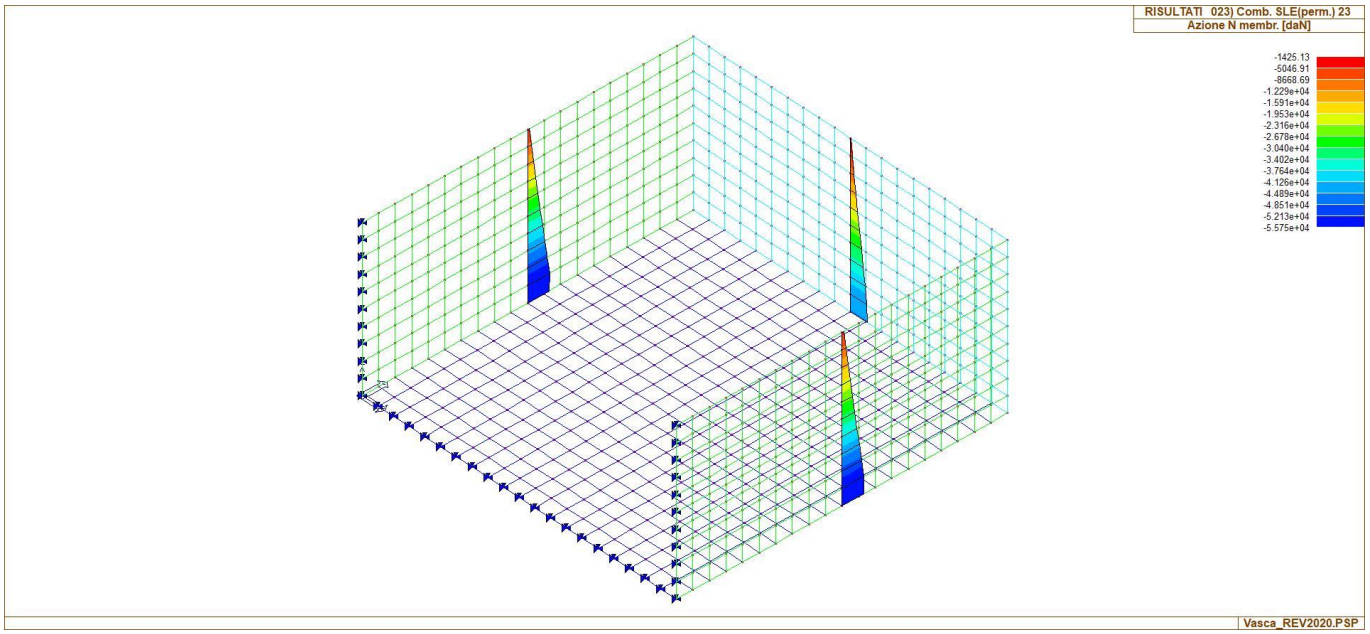
47_RIS_N_020_Comb. SLE (SLD Danno sism.) 20



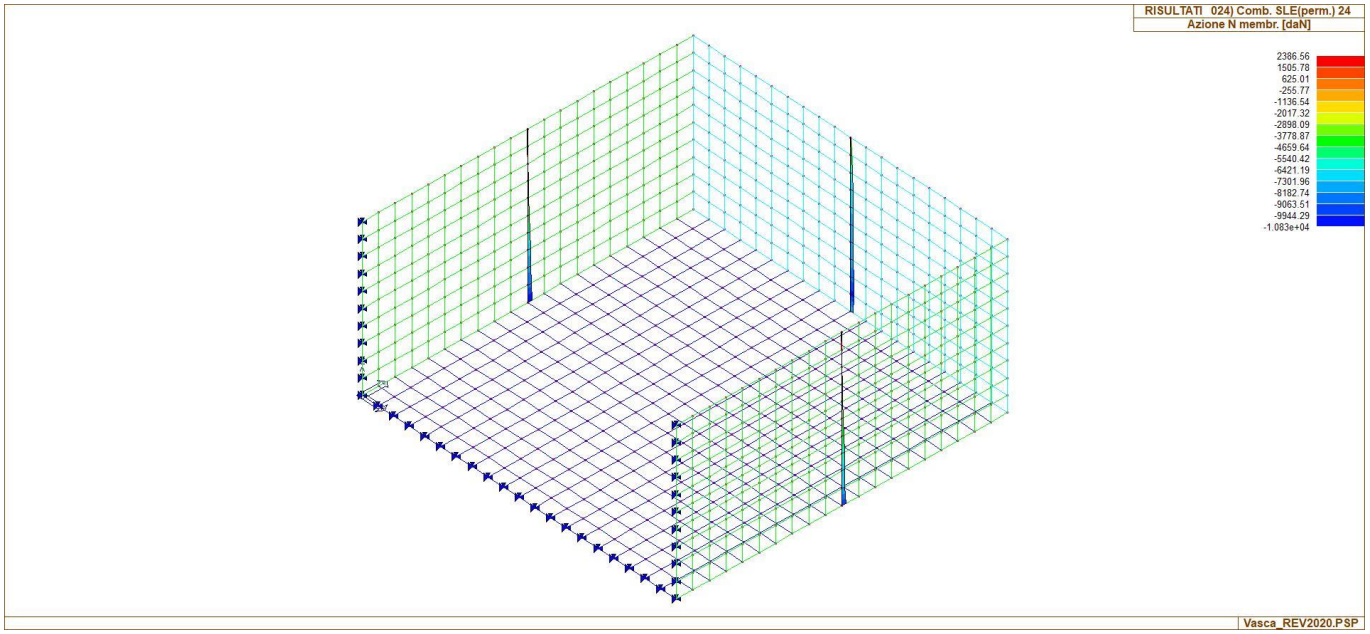
47_RIS_N_021_Comb. SLE(freq.) 21



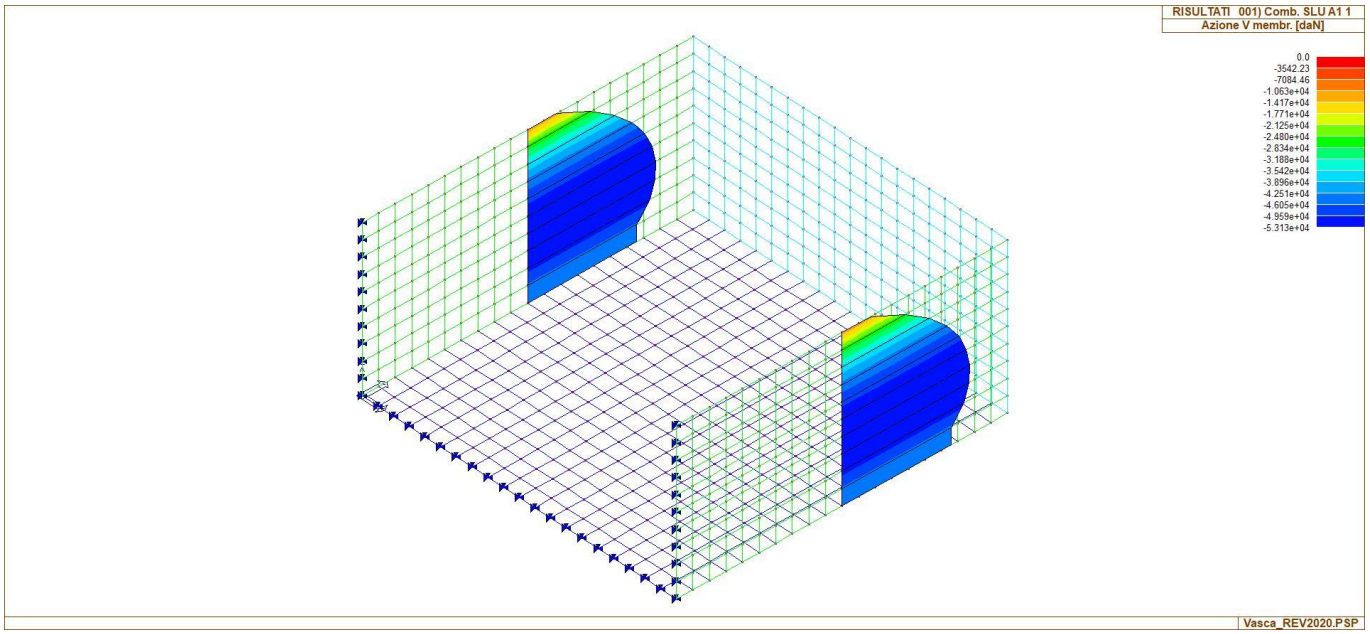
47_RIS_N_022_Comb. SLE(freq.) 22



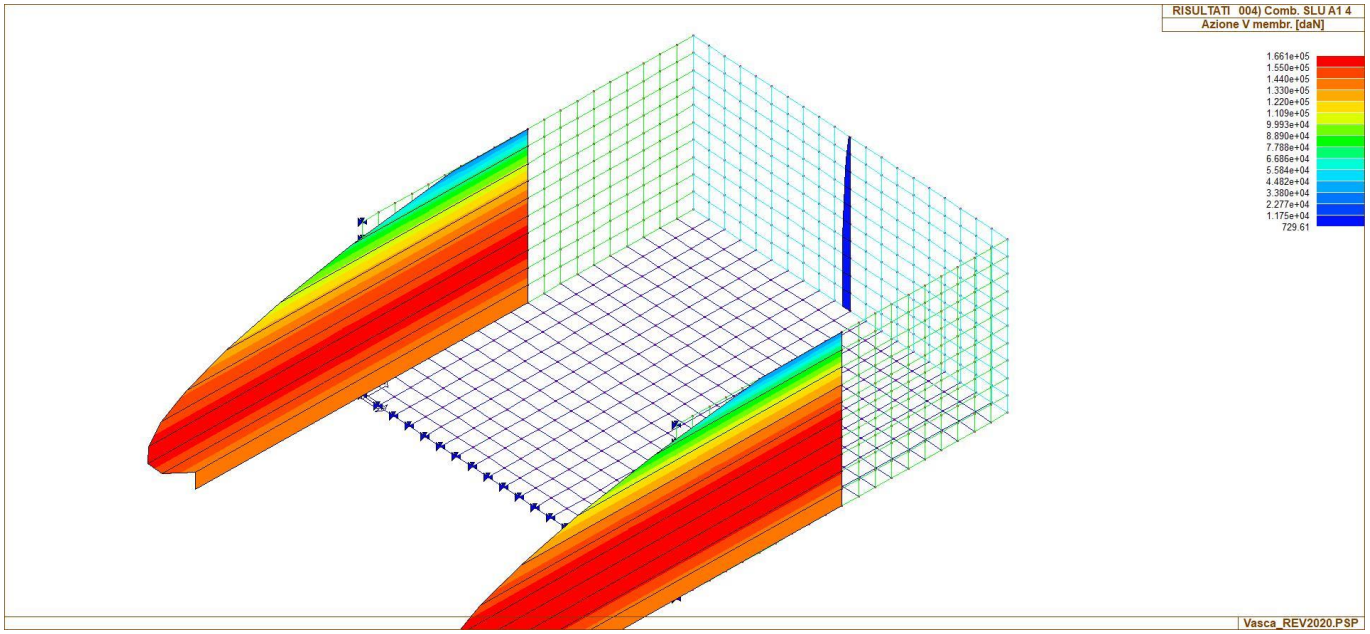
47_RIS_N_023_Comb. SLE(perm.) 23



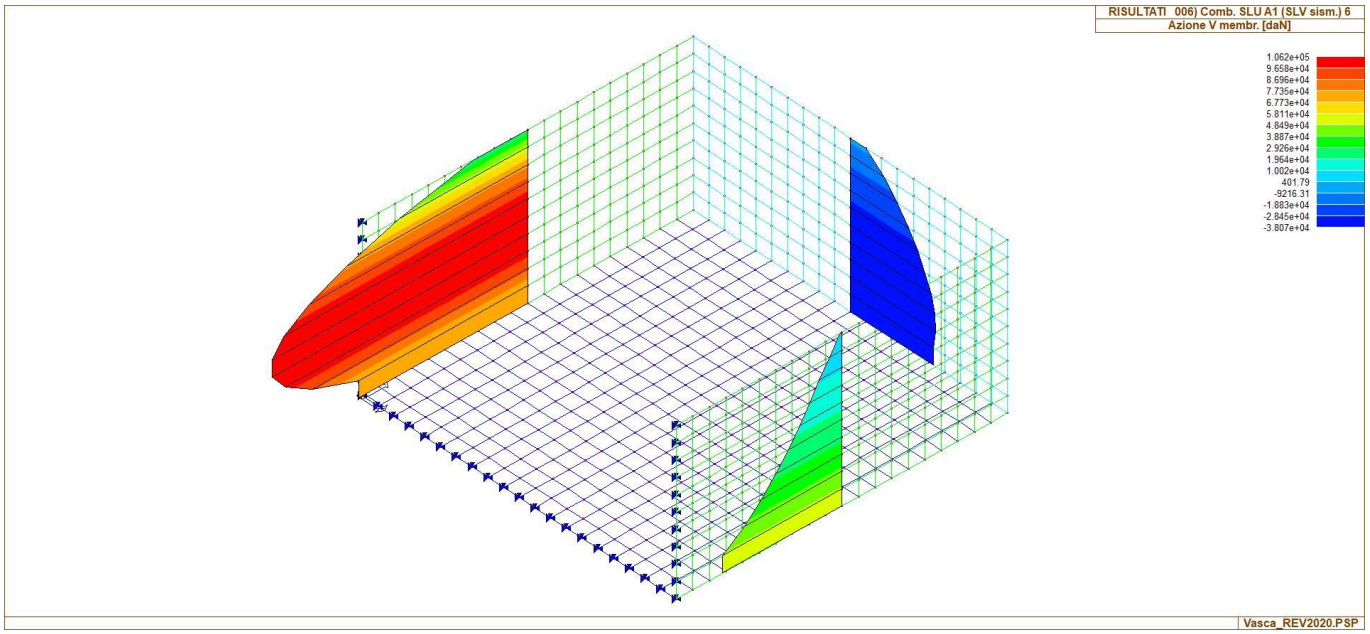
47_RIS_N_024_Comb. SLE(perm.) 24



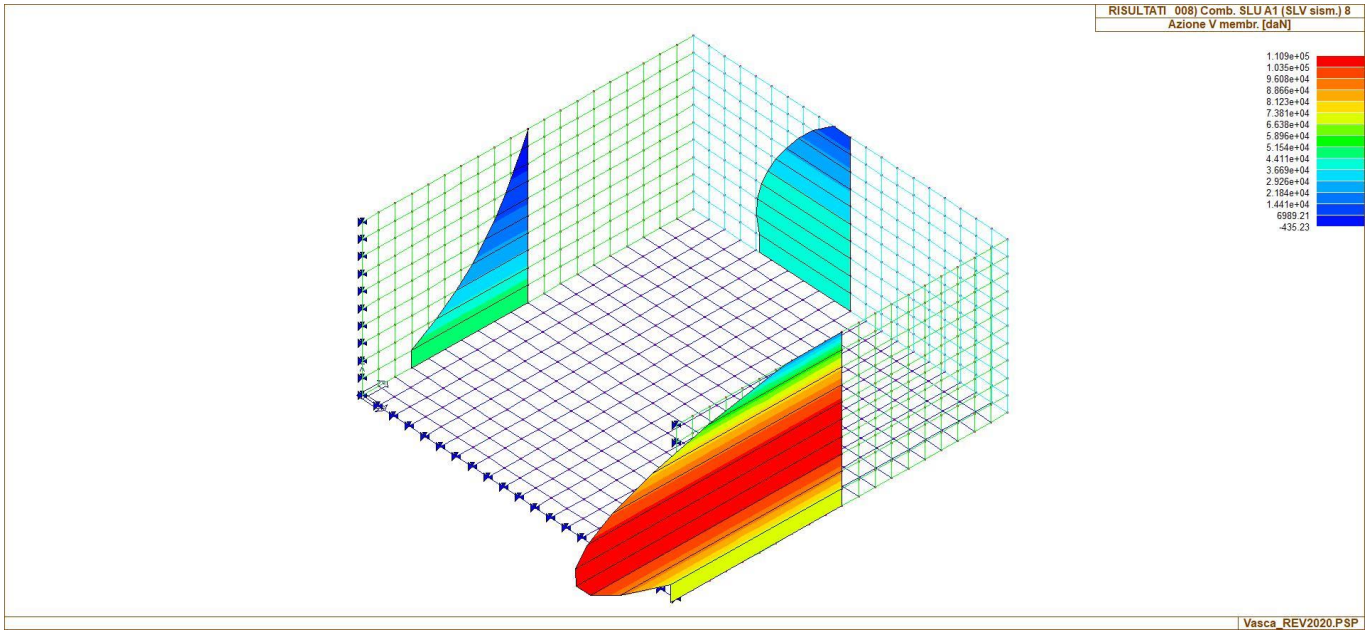
47_RIS_V_001_Comb. SLU A1 1



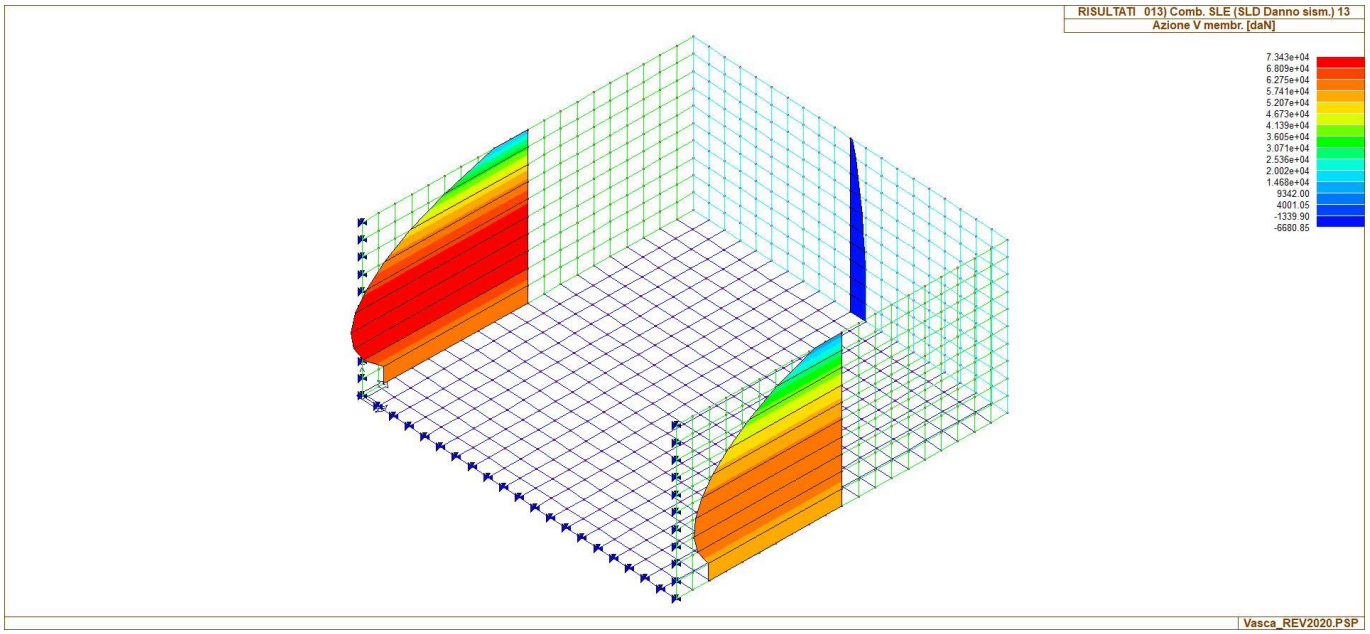
47_RIS_V_004_Comb. SLU A1 4



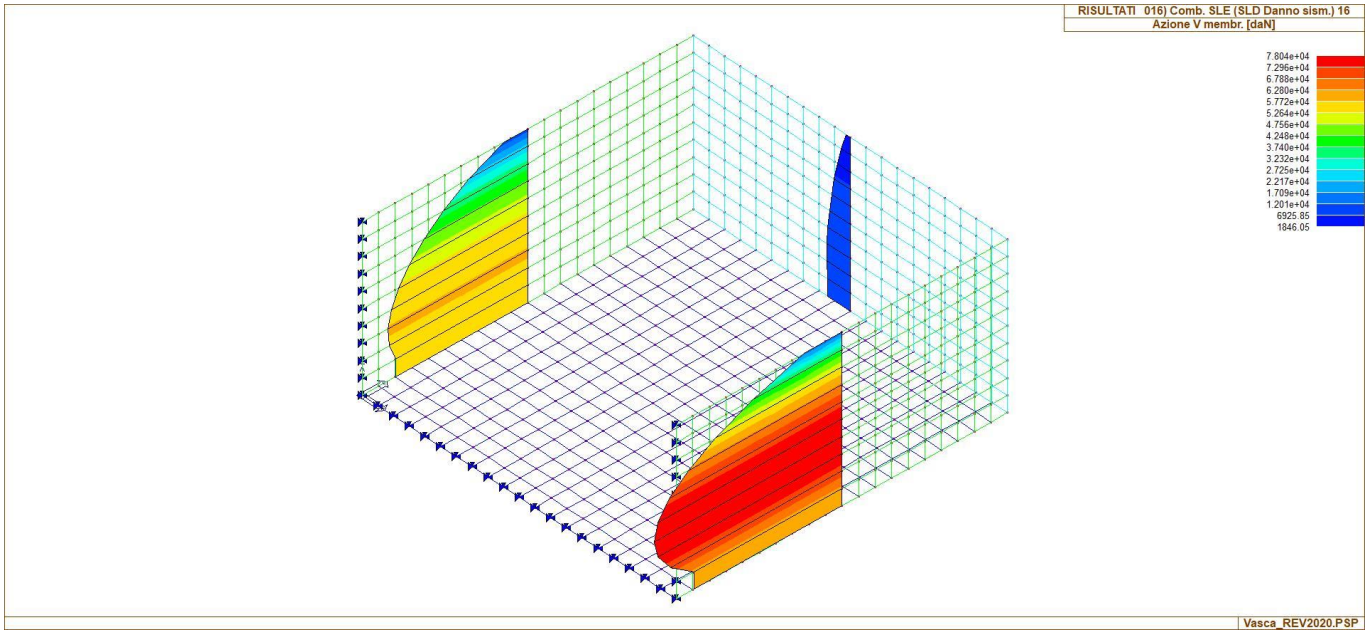
47_RIS_V_006_Comb. SLU A1 (SLV sism.) 6



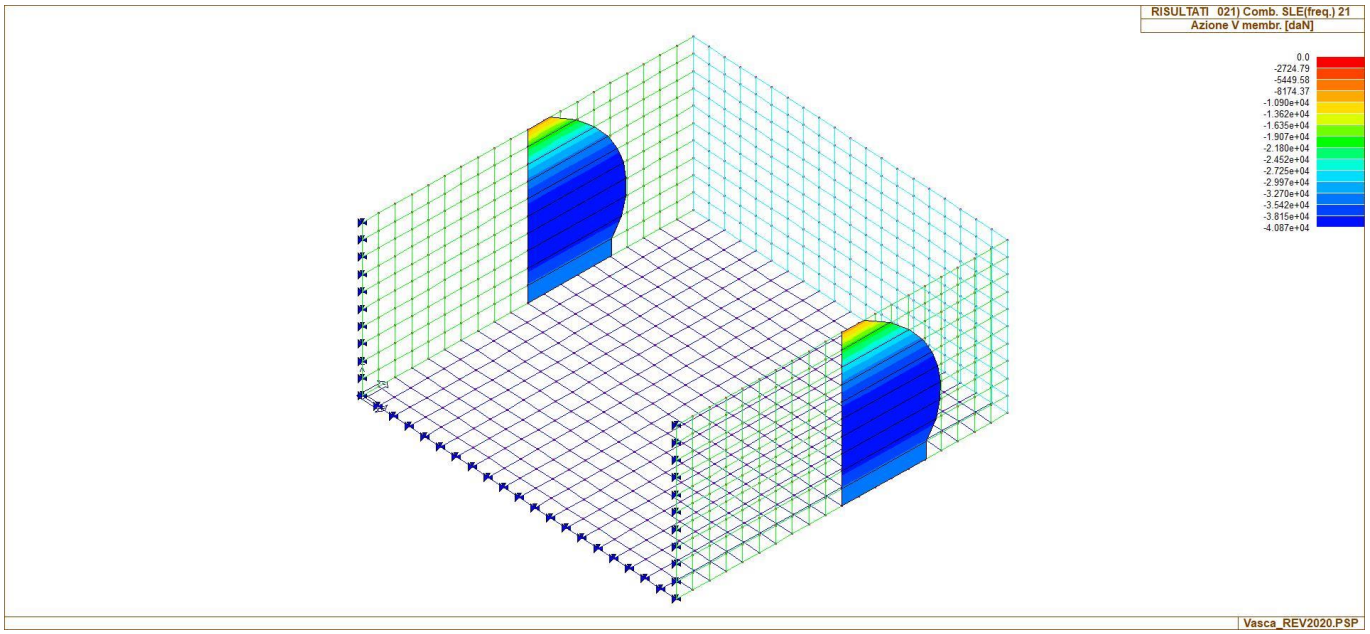
47_RIS_V_008_Comb. SLU A1 (SLV sism.) 8



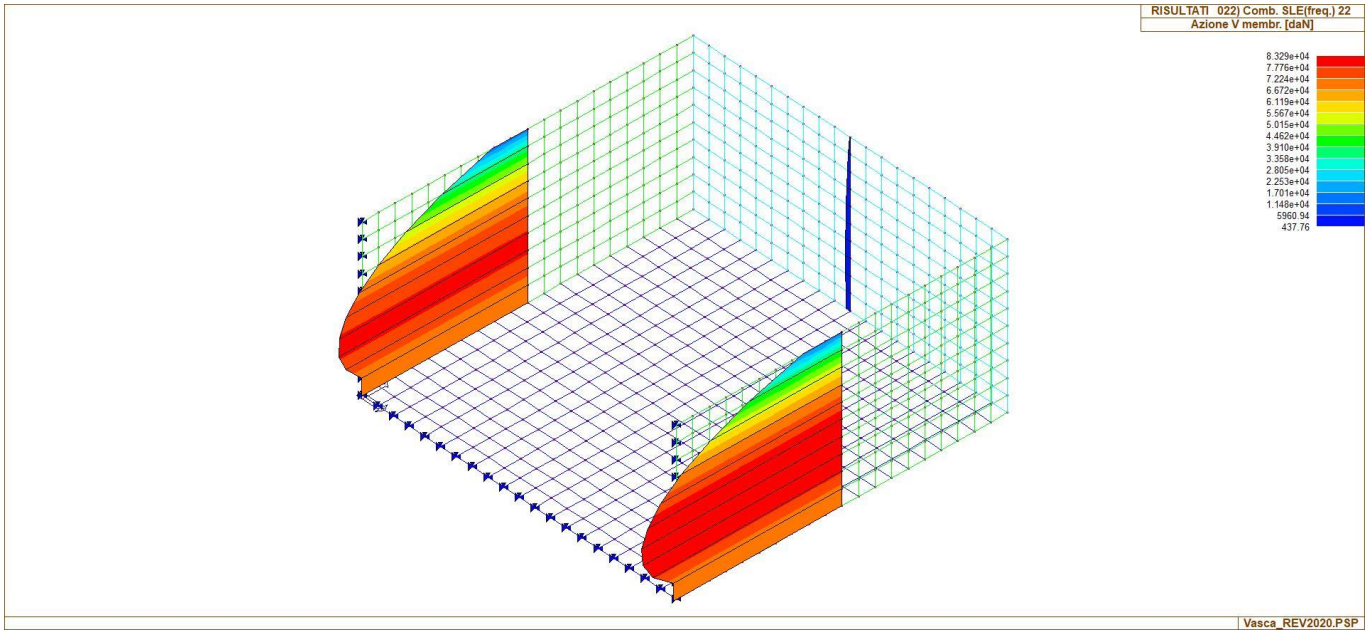
47_RIS_V_013_Comb. SLE (SLD Danno sism.) 13



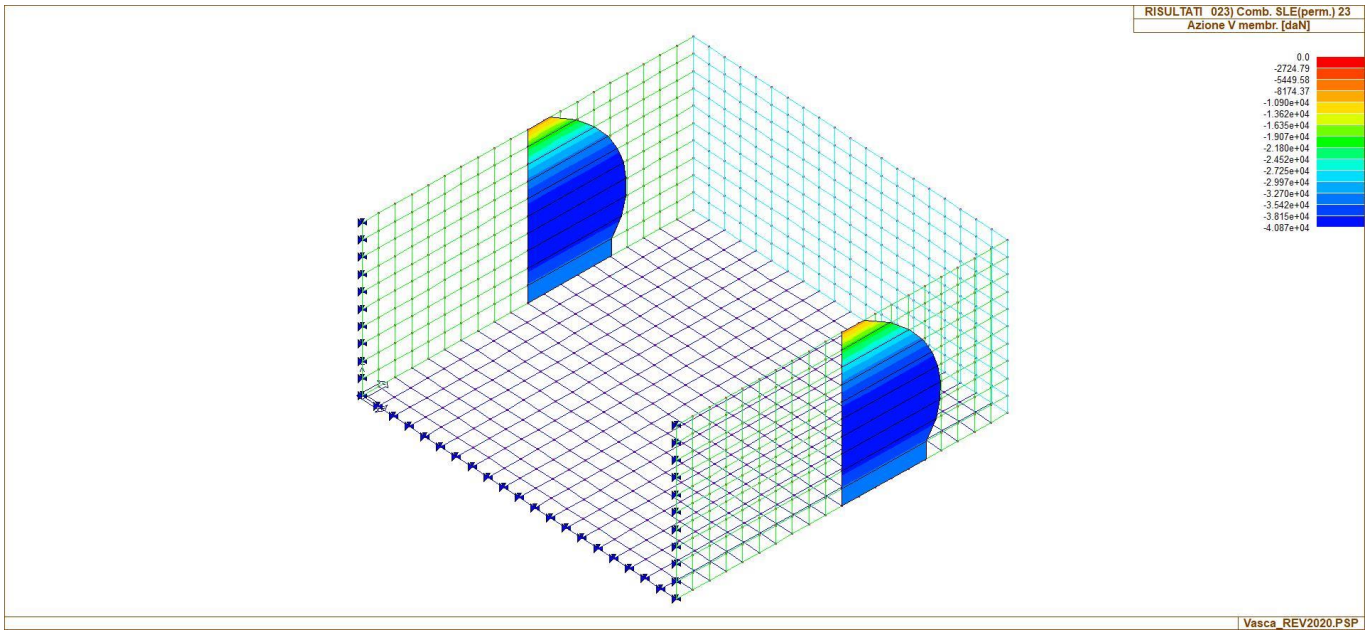
47_RIS_V_016_Comb. SLE (SLD Danno sism.) 16



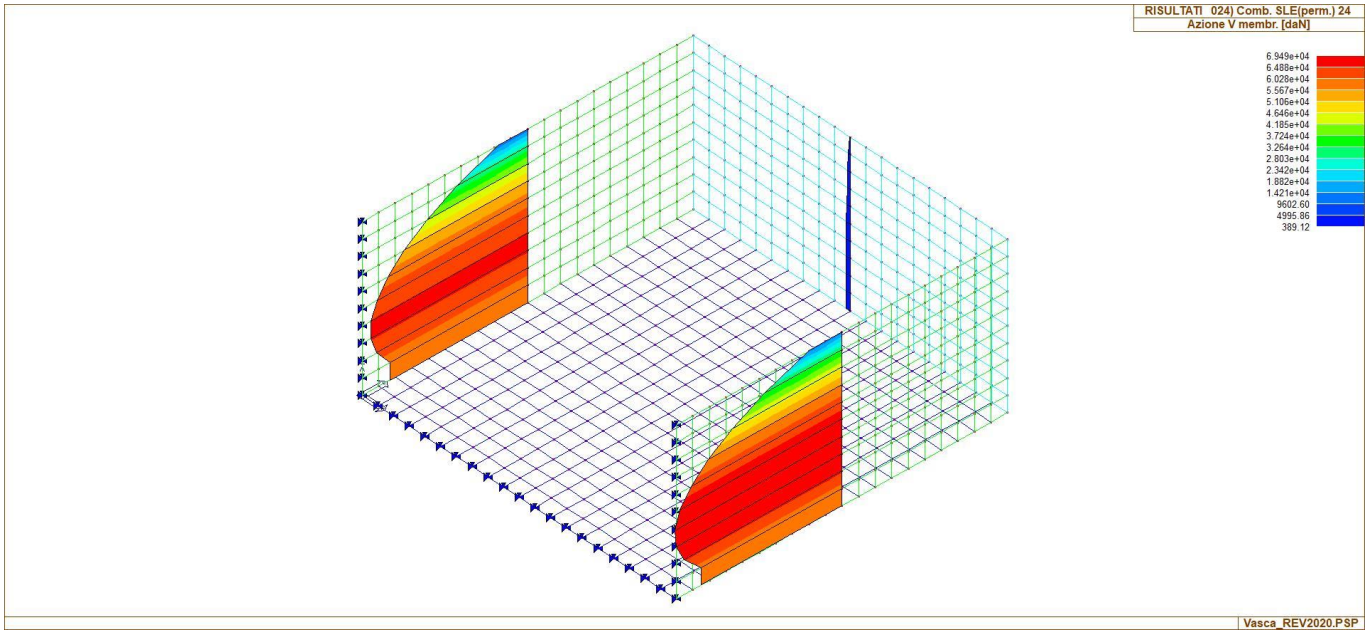
47_RIS_V_021_Comb. SLE(freq.) 21



47_RIS_V_022_Comb. SLE(freq.) 22



47_RIS_V_023_Comb. SLE(perm.) 23



47_RIS_V_024_Comb. SLE(perm.) 24

Macro	Tipo	Angolo 1-X (gradi)
1	**Guscio**	**0.0**

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	1	1	315.81	32.82	37.36	311.27	35.53	150.00	-1507.06	-1089.13	-267.93	-719.63
1	1	2	118.13	-2.38	12.40	103.35	39.53	1321.09	-2272.70	-834.88	-116.72	-1760.65
1	1	3	104.47	-42.17	-36.18	98.47	29.04	1081.61	-3113.99	-1825.57	-206.81	-1935.37
1	1	4	229.65	-41.64	-40.52	228.53	17.39	-243.82	-2673.22	-2459.52	-457.52	-688.10
1	1	5	62.76	-25.36	4.01	33.39	41.54	2543.15	-2805.37	-386.56	124.35	-2662.03
1	1	6	54.72	-41.28	-19.80	33.24	40.01	2721.51	-3298.14	-798.94	222.32	-2966.19
1	1	7	34.34	-39.97	-0.60	-5.03	37.09	3163.44	-2870.58	-62.16	355.02	-3009.79
1	1	8	26.89	-48.73	-18.45	-3.38	37.05	3646.29	-3157.77	-137.19	625.71	-3380.58
1	1	9	18.41	-50.08	-3.39	-28.28	31.91	3351.42	-2655.60	149.21	546.61	-2996.93
1	1	10	9.63	-54.90	-18.94	-26.33	32.05	4040.28	-2764.16	307.01	969.10	-3386.07
1	1	11	8.28	-56.99	-5.22	-43.50	26.43	3252.18	-2258.59	292.68	700.92	-2747.81
1	1	12	-1.72	-59.22	-19.44	-41.49	26.55	4062.96	-2203.49	609.38	1250.09	-3116.80
1	1	13	1.49	-61.74	-6.46	-53.79	20.96	2956.63	-1745.22	390.15	821.25	-2341.02
1	1	14	-9.37	-62.23	-19.78	-51.82	21.02	3826.10	-1539.08	815.09	1471.93	-2662.41
1	1	15	-3.09	-64.98	-7.29	-60.78	15.57	2527.33	-1161.06	455.12	911.15	-1830.05
1	1	16	-14.47	-64.34	-19.95	-58.86	15.60	3408.75	-817.36	952.23	1639.16	-2084.96
1	1	17	-6.05	-67.11	-7.84	-65.32	10.30	2009.71	-540.08	496.23	973.40	-1252.37
1	1	18	-17.71	-65.78	-20.03	-63.46	10.30	2870.02	-75.39	1038.94	1755.69	-1428.43
1	1	19	-7.71	-68.32	-8.15	-67.89	5.12	1445.53	83.32	518.89	1009.97	-635.31
1	1	20	-19.49	-66.62	-20.06	-66.06	5.12	2269.08	642.06	1086.70	1824.44	-725.08
1	1	21	-8.25	-68.72	-8.25	-68.72		1022.03	526.12	526.12	1022.03	
1	1	22	-20.06	-66.90	-20.06	-66.90		1847.16	1101.94	1101.94	1847.16	
1	1	23	-7.71	-68.32	-8.15	-67.89	-5.12	1445.53	83.32	518.89	1009.97	635.31
1	1	24	-19.49	-66.62	-20.06	-66.06	-5.12	2269.08	642.06	1086.70	1824.44	725.08
1	1	25	-6.05	-67.11	-7.84	-65.32	-10.30	2009.71	-540.08	496.23	973.40	1252.37
1	1	26	-17.71	-65.78	-20.03	-63.46	-10.30	2870.02	-75.39	1038.94	1755.69	1428.43
1	1	27	-3.09	-64.98	-7.29	-60.78	-15.57	2527.33	-1161.06	455.12	911.15	1830.05
1	1	28	-14.47	-64.34	-19.95	-58.86	-15.60	3408.75	-817.36	952.23	1639.16	2084.96
1	1	29	1.49	-61.74	-6.46	-53.79	-20.96	2956.63	-1745.22	390.15	821.25	2341.02
1	1	30	-9.37	-62.23	-19.78	-51.82	-21.02	3826.10	-1539.08	815.09	1471.93	2662.41
1	1	31	8.28	-56.99	-5.22	-43.50	-26.43	3252.18	-2258.59	292.68	700.92	2747.81
1	1	32	-1.72	-59.22	-19.44	-41.49	-26.55	4062.96	-2203.49	609.38	1250.09	3116.80
1	1	33	18.41	-50.08	-3.39	-28.28	-31.91	3351.42	-2655.60	149.21	546.61	2996.93
1	1	34	9.63	-54.90	-18.94	-26.33	-32.05	4040.28	-2764.16	307.01	969.10	3386.07
1	1	35	34.34	-39.97	-0.60	-5.03	-37.09	3163.44	-2870.58	-62.16	355.02	3009.79
1	1	36	26.89	-48.73	-18.45	-3.38	-37.05	3646.29	-3157.77	-137.19	625.71	3380.58
1	1	37	62.76	-25.36	4.01	33.39	-41.54	2543.15	-2805.37	-386.56	124.35	2662.03

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	1	38	54.72	-41.28	-19.80	33.24	-40.01	2721.51	-3298.14	-798.94	222.32	2966.19
1	1	39	118.13	-2.38	12.40	103.35	-39.53	1321.09	-2272.70	-834.88	-116.72	1760.65
1	1	40	104.47	-42.17	-36.18	98.47	-29.04	1081.61	-3113.99	-1825.57	-206.81	1935.37
1	1	41	315.81	32.82	37.36	311.27	-35.53	150.00	-1507.06	-1089.13	-267.93	719.63
1	1	42	229.65	-41.64	-40.52	228.53	-17.39	-243.82	-2673.22	-2459.52	-457.52	688.10
1	1	43	79.20	-80.78	-80.40	78.83	7.73	593.26	-4502.16	-3620.35	-288.55	-1927.59
1	1	44	110.08	-90.30	-89.65	109.43	-11.38	-553.76	-4890.12	-4801.31	-642.58	-614.20
1	1	45	40.43	-70.66	-61.55	31.32	30.48	2540.22	-3821.48	-1659.88	378.62	-3013.12
1	1	46	16.79	-65.03	-47.99	-0.24	33.22	3894.67	-3213.19	-346.83	1028.31	-3486.79
1	1	47	0.16	-63.39	-41.63	-21.59	30.16	4646.12	-2495.81	548.19	1602.11	-3531.87
1	1	48	-11.80	-62.71	-38.19	-36.32	25.44	4932.66	-1684.14	1163.75	2084.77	-3276.19
1	1	49	-20.40	-62.29	-36.09	-46.61	20.27	4877.52	-819.23	1584.50	2473.79	-2813.45
1	1	50	-26.40	-62.05	-34.71	-53.74	15.07	4575.65	61.51	1865.70	2771.47	-2211.17
1	1	51	-30.29	-61.98	-33.81	-58.45	9.96	4101.53	923.34	2043.75	2981.12	-1518.41
1	1	52	-32.44	-62.00	-33.29	-61.14	4.95	3533.61	1713.96	2141.92	3105.64	-771.75
1	1	53	-33.12	-62.02	-33.12	-62.02		3146.93	2173.24	2173.24	3146.93	
1	1	54	-32.44	-62.00	-33.29	-61.14	-4.95	3533.61	1713.96	2141.92	3105.64	771.75
1	1	55	-30.29	-61.98	-33.81	-58.45	-9.96	4101.53	923.34	2043.75	2981.12	1518.41
1	1	56	-26.40	-62.05	-34.71	-53.74	-15.07	4575.65	61.51	1865.70	2771.47	2211.17
1	1	57	-20.40	-62.29	-36.09	-46.61	-20.27	4877.52	-819.23	1584.50	2473.79	2813.45
1	1	58	-11.80	-62.71	-38.19	-36.32	-25.44	4932.66	-1684.14	1163.75	2084.77	3276.19
1	1	59	0.16	-63.39	-41.63	-21.59	-30.16	4646.12	-2495.81	548.19	1602.11	3531.87
1	1	60	16.79	-65.03	-47.99	-0.24	-33.22	3894.67	-3213.19	-346.83	1028.31	3486.79
1	1	61	40.43	-70.66	-61.55	31.32	-30.48	2540.22	-3821.48	-1659.88	378.62	3013.12
1	1	62	79.20	-80.78	-80.40	78.83	-7.73	593.26	-4502.16	-3620.35	-288.55	1927.59
1	1	63	110.08	-90.30	-89.65	109.43	11.38	-553.76	-4890.12	-4801.31	-642.58	614.20
1	1	64	44.94	-111.48	-110.65	44.11	-11.40	151.00	-5566.83	-5076.63	-339.20	-1600.81
1	1	65	46.16	-124.94	-119.95	41.17	-28.80	-679.50	-6687.12	-6639.28	-727.34	-533.92
1	1	66	24.25	-95.36	-93.78	22.67	13.65	1913.70	-3917.34	-2433.42	429.77	-2539.84
1	1	67	5.80	-84.23	-77.91	-0.52	23.00	3419.43	-2813.23	-595.78	1201.97	-2983.88
1	1	68	-8.70	-76.43	-66.53	-18.60	23.93	4418.92	-1822.19	687.19	1909.54	-3060.12
1	1	69	-20.30	-70.95	-59.14	-32.12	21.42	4954.85	-851.37	1581.48	2522.01	-2864.77
1	1	70	-29.52	-66.73	-54.23	-42.02	17.57	5123.04	101.41	2197.90	3026.55	-2476.40
1	1	71	-36.73	-63.31	-50.95	-49.09	13.26	5011.78	1019.04	2612.00	3418.83	-1955.18
1	1	72	-42.16	-60.51	-48.82	-53.85	8.82	4694.78	1878.50	2875.06	3698.21	-1346.65
1	1	73	-45.82	-58.39	-47.61	-56.60	4.40	4248.19	2637.55	3020.39	3865.34	-685.61
1	1	74	-47.22	-57.50	-47.22	-57.50		3920.95	3066.80	3066.80	3920.95	
1	1	75	-45.82	-58.39	-47.61	-56.60	-4.40	4248.19	2637.55	3020.39	3865.34	685.61
1	1	76	-42.16	-60.51	-48.82	-53.85	-8.82	4694.78	1878.50	2875.06	3698.21	1346.65
1	1	77	-36.73	-63.31	-50.95	-49.09	-13.26	5011.78	1019.04	2612.00	3418.83	1955.18
1	1	78	-29.52	-66.73	-54.23	-42.02	-17.57	5123.04	101.41	2197.90	3026.55	2476.40
1	1	79	-20.30	-70.95	-59.14	-32.12	-21.42	4954.85	-851.37	1581.48	2522.01	2864.77
1	1	80	-8.70	-76.43	-66.53	-18.60	-23.93	4418.92	-1822.19	687.19	1909.54	3060.12
1	1	81	5.80	-84.23	-77.91	-0.52	-23.00	3419.43	-2813.23	-595.78	1201.97	2983.88
1	1	82	24.25	-95.36	-93.78	22.67	-13.65	1913.70	-3917.34	-2433.42	429.77	2539.84
1	1	83	44.94	-111.48	-110.65	44.11	11.40	151.00	-5566.83	-5076.63	-339.20	1600.81
1	1	84	46.16	-124.94	-119.95	41.17	28.80	-679.50	-6687.12	-6639.28	-727.34	533.92
1	1	85	17.07	-134.02	-129.52	12.58	-25.66	-190.85	-6562.69	-6289.33	-464.22	-1291.17
1	1	86	8.28	-147.98	-136.99	-2.71	-39.96	-857.32	-8154.10	-8127.47	-883.95	-440.02
1	1	87	7.69	-116.31	-116.25	7.63	-2.73	1341.90	-4094.51	-3130.39	377.77	-2076.49
1	1	88	-4.17	-102.61	-101.64	-5.14	9.72	2870.58	-2500.33	-861.64	1231.89	-2473.05
1	1	89	-15.60	-91.85	-89.02	-18.43	14.42	4038.03	-1249.72	757.44	2030.86	-2566.06
1	1	90	-25.70	-83.39	-79.34	-29.74	14.73	4778.57	-140.56	1902.13	2735.87	-2423.98
1	1	91	-34.33	-76.69	-72.32	-38.70	12.88	5144.77	879.60	2698.53	3325.84	-2109.39
1	1	92	-41.51	-71.28	-67.37	-45.42	10.05	5209.48	1817.40	3236.81	3790.07	-1673.33
1	1	93	-47.31	-66.85	-64.08	-50.08	6.81	5039.46	2664.18	3580.11	4123.53	-1156.14
1	1	94	-51.70	-63.31	-62.20	-52.82	3.42	4698.62	3395.69	3770.23	4324.09	-589.67
1	1	95	-53.72	-61.58	-61.58	-53.72		4391.00	3831.01	3831.01	4391.00	
1	1	96	-51.70	-63.31	-62.20	-52.82	-3.42	4698.62	3395.69	3770.23	4324.09	589.67
1	1	97	-47.31	-66.85	-64.08	-50.08	-6.81	5039.46	2664.18	3580.11	4123.53	1156.14
1	1	98	-41.51	-71.28	-67.37	-45.42	-10.05	5209.48	1817.40	3236.81	3790.07	1673.33
1	1	99	-34.33	-76.69	-72.32	-38.70	-12.88	5144.77	879.60	2698.53	3325.84	2109.39
1	1	100	-25.70	-83.39	-79.34	-29.74	-14.73	4778.57	-140.56	1902.13	2735.87	2423.98
1	1	101	-15.60	-91.85	-89.02	-18.43	-14.42	4038.03	-1249.72	757.44	2030.86	2566.06
1	1	102	-4.17	-102.61	-101.64	-5.14	-9.72	2870.58	-2500.33	-861.64	1231.89	2473.05
1	1	103	7.69	-116.31	-116.25	7.63	2.73	1341.90	-4094.51	-3130.39	377.77	2076.49
1	1	104	17.07	-134.02	-129.52	12.58	25.66	-190.85	-6562.69	-6289.33	-464.22	1291.17
1	1	105	8.28	-147.98	-136.99	-2.71	39.96	-857.32	-8154.10	-8127.47	-883.95	440.02
1	1	106	-3.86	-150.70	-141.40	-13.16	-35.76	-436.61	-7387.20	-7244.08	-579.73	-987.06
1	1	107	-16.39	-164.26	-147.28	-33.36	-47.13	-995.79	-9285.23	-9271.07	-1009.95	-342.33
1	1	108	-6.48	-133.47	-131.36	-8.59	-16.23	859.47	-4279.07	-3715.60	296.00	-1605.58
1	1	109	-12.97	-119.21	-119.11	-13.08	-3.33	2292.76	-2214.88	-1113.89	1191.76	-1936.67
1	1	110	-20.97	-107.29	-107.14	-21.12	3.61	3538.85	-717.33	778.71	2042.81	-2032.07
1	1	111	-29.00	-97.49	-96.89	-29.60	6.39	4435.17	504.47	2134.56	2805.08	-1936.54

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	1	112	-36.27	-89.63	-88.78	-37.13	6.70	4975.06	1562.64	3086.57	3451.14	-1696.45
1	1	113	-42.37	-83.55	-82.75	-43.17	5.68	5206.45	2492.24	3734.09	3964.61	-1352.20
1	1	114	-47.04	-79.12	-78.61	-47.55	4.02	5184.39	3300.52	4148.80	4336.11	-937.27
1	1	115	-50.03	-76.35	-76.19	-50.19	2.06	4957.28	3982.39	4379.05	4560.62	-478.92
1	1	116	-51.07	-75.39	-75.39	-51.07		4635.69	4452.76	4452.76	4635.69	
1	1	117	-50.03	-76.35	-76.19	-50.19	-2.06	4957.28	3982.39	4379.05	4560.62	478.92
1	1	118	-47.04	-79.12	-78.61	-47.55	-4.02	5184.39	3300.52	4148.80	4336.11	937.27
1	1	119	-42.37	-83.55	-82.75	-43.17	-5.68	5206.45	2492.24	3734.09	3964.61	1352.20
1	1	120	-36.27	-89.63	-88.78	-37.13	-6.70	4975.06	1562.64	3086.57	3451.14	1696.45
1	1	121	-29.00	-97.49	-96.89	-29.60	-6.39	4435.17	504.47	2134.56	2805.08	1936.54
1	1	122	-20.97	-107.29	-107.14	-21.12	-3.61	3538.85	-717.33	778.71	2042.81	2032.07
1	1	123	-12.97	-119.21	-119.11	-13.08	3.33	2292.76	-2214.88	-1113.89	1191.76	1936.67
1	1	124	-6.48	-133.47	-131.36	-8.59	16.23	859.47	-4279.07	-3715.60	296.00	1605.58
1	1	125	-3.86	-150.70	-141.40	-13.16	35.76	-436.61	-7387.20	-7244.08	-579.73	987.06
1	1	126	-16.39	-164.26	-147.28	-33.36	47.13	-995.79	-9285.23	-9271.07	-1009.95	342.33
1	1	127	-19.32	-162.99	-148.87	-33.44	-42.77	-602.83	-8017.74	-7951.47	-669.11	-697.87
1	1	128	-33.54	-175.76	-153.50	-55.80	-51.68	-1095.67	-1.011e+04	-1.010e+04	-1102.30	-244.25
1	1	129	-17.74	-147.19	-141.40	-23.53	-26.77	498.32	-4454.43	-4172.48	216.36	-1147.58
1	1	130	-20.32	-133.42	-131.45	-22.30	-14.82	1760.85	-1965.32	-1330.28	1125.80	-1401.07
1	1	131	-25.41	-121.38	-120.86	-25.92	-7.01	2992.89	-223.62	769.81	1999.47	-1486.09
1	1	132	-31.48	-111.10	-111.02	-31.56	-2.52	3991.59	1091.04	2291.61	2791.03	-1428.62
1	1	133	-37.45	-102.70	-102.70	-37.45	-0.30	4679.68	2158.05	3368.98	3468.74	-1259.83
1	1	134	-42.62	-96.20	-96.20	-42.63	0.56	5069.04	3048.79	4106.06	4011.77	-1009.02
1	1	135	-46.58	-91.59	-91.58	-46.59	0.67	5200.49	3786.54	4580.00	4407.03	-701.66
1	1	136	-49.04	-88.84	-88.83	-49.05	0.41	5117.76	4372.86	4843.78	4646.83	-359.20
1	1	137	-49.88	-87.92	-87.92	-49.88		4928.33	4727.18	4928.33	4727.18	
1	1	138	-49.04	-88.84	-88.83	-49.05	-0.41	5117.76	4372.86	4843.78	4646.83	359.20
1	1	139	-46.58	-91.59	-91.58	-46.59	-0.67	5200.49	3786.54	4580.00	4407.03	701.66
1	1	140	-42.62	-96.20	-96.20	-42.63	-0.56	5069.04	3048.79	4106.06	4011.77	1009.02
1	1	141	-37.45	-102.70	-102.70	-37.45	0.30	4679.68	2158.05	3368.98	3468.74	1259.83
1	1	142	-31.48	-111.10	-111.02	-31.56	2.52	3991.59	1091.04	2291.61	2791.03	1428.62
1	1	143	-25.41	-121.38	-120.86	-25.92	7.01	2992.89	-223.62	769.81	1999.47	1486.09
1	1	144	-20.32	-133.42	-131.45	-22.30	14.82	1760.85	-1965.32	-1330.28	1125.80	1401.07
1	1	145	-17.74	-147.19	-141.40	-23.53	26.77	498.32	-4454.43	-4172.48	216.36	1147.58
1	1	146	-19.32	-162.99	-148.87	-33.44	42.77	-602.83	-8017.74	-7951.47	-669.11	697.87
1	1	147	-33.54	-175.76	-153.50	-55.80	51.68	-1095.67	-1.011e+04	-1.010e+04	-1102.30	244.25
1	1	148	-30.67	-171.77	-153.34	-49.10	-47.54	-706.68	-8449.59	-8426.22	-730.05	-424.72
1	1	149	-45.81	-183.60	-157.05	-72.37	-54.35	-1159.12	-1.065e+04	-1.065e+04	-1161.43	-147.98
1	1	150	-26.28	-157.84	-147.83	-36.29	-34.88	257.84	-4599.85	-4494.03	152.03	-709.11
1	1	151	-26.17	-145.10	-139.82	-31.45	-24.49	1331.20	-1768.51	-1495.47	1058.16	-878.52
1	1	152	-29.12	-133.45	-130.70	-31.87	-16.71	2455.22	225.19	746.08	1934.33	-943.55
1	1	153	-33.73	-123.14	-121.71	-35.16	-11.23	3492.42	1627.20	2385.16	2734.46	-916.11
1	1	154	-38.80	-114.45	-113.70	-39.55	-7.48	4305.52	2672.49	3553.41	3424.61	-813.97
1	1	155	-43.49	-107.57	-107.19	-43.86	-4.88	4850.61	3486.94	4356.55	3981.01	-655.47
1	1	156	-47.20	-102.60	-102.44	-47.36	-2.96	5149.47	4113.11	4874.69	4387.90	-457.46
1	1	157	-49.57	-99.60	-99.56	-49.60	-1.41	5252.88	4546.31	5163.67	4635.51	-234.67
1	1	158	-50.38	-98.60	-98.60	-50.38		5256.38	4718.60	5256.38	4718.60	
1	1	159	-49.57	-99.60	-99.56	-49.60	1.41	5252.88	4546.31	5163.67	4635.51	234.67
1	1	160	-47.20	-102.60	-102.44	-47.36	2.96	5149.47	4113.11	4874.69	4387.90	457.46
1	1	161	-43.49	-107.57	-107.19	-43.86	4.88	4850.61	3486.94	4356.55	3981.01	655.47
1	1	162	-38.80	-114.45	-113.70	-39.55	7.48	4305.52	2672.49	3553.41	3424.61	813.97
1	1	163	-33.73	-123.14	-121.71	-35.16	11.23	3492.42	1627.20	2385.16	2734.46	916.11
1	1	164	-29.12	-133.45	-130.70	-31.87	16.71	2455.22	225.19	746.08	1934.33	943.55
1	1	165	-26.17	-145.10	-139.82	-31.45	24.49	1331.20	-1768.51	-1495.47	1058.16	878.52
1	1	166	-26.28	-157.84	-147.83	-36.29	34.88	257.84	-4599.85	-4494.03	152.03	709.11
1	1	167	-30.67	-171.77	-153.34	-49.10	47.54	-706.68	-8449.59	-8426.22	-730.05	424.72
1	1	168	-45.81	-183.60	-157.05	-72.37	54.35	-1159.12	-1.065e+04	-1.065e+04	-1161.43	147.98
1	1	169	-38.78	-177.61	-155.60	-60.78	-50.70	-760.08	-8686.22	-8682.73	-763.56	-166.18
1	1	170	-54.49	-188.37	-158.61	-84.25	-55.66	-1189.64	-1.094e+04	-1.094e+04	-1189.95	-54.74
1	1	171	-32.41	-165.74	-151.54	-46.61	-41.13	124.78	-4697.44	-4679.81	107.15	-291.02
1	1	172	-30.54	-154.29	-145.04	-39.79	-32.55	1052.78	-1653.68	-1600.88	999.98	-374.31
1	1	173	-32.14	-143.32	-137.24	-38.23	-25.29	1999.06	584.91	718.39	1865.58	-413.45
1	1	174	-35.91	-133.20	-129.19	-39.92	-19.34	2968.48	2115.91	2424.91	2659.48	-409.83
1	1	175	-40.61	-124.34	-121.76	-43.19	-14.45	3896.05	3098.40	3647.09	3347.36	-369.60
1	1	176	-45.29	-117.06	-115.54	-46.80	-10.32	4617.07	3777.31	4490.23	3904.15	-300.72
1	1	177	-49.19	-111.62	-110.90	-49.91	-6.67	5092.70	4255.37	5035.47	4312.59	-211.29
1	1	178	-51.78	-108.24	-108.04	-51.97	-3.28	5354.93	4546.76	5340.01	4561.68	-108.79
1	1	179	-52.69	-107.08	-107.08	-52.69		5437.78	4645.35	5437.78	4645.35	
1	1	180	-51.78	-108.24	-108.04	-51.97	3.28	5354.93	4546.76	5340.01	4561.68	108.79
1	1	181	-49.19	-111.62	-110.90	-49.91	6.67	5092.70	4255.37	5035.47	4312.59	211.29
1	1	182	-45.29	-117.06	-115.54	-46.80	10.32	4617.07	3777.31	4490.23	3904.15	300.72
1	1	183	-40.61	-124.34	-121.76	-43.19	14.45	3896.05	3098.40	3647.09	3347.36	369.60
1	1	184	-35.91	-133.20	-129.19	-39.92	19.34	2968.48	2115.91	2424.91	2659.48	409.83
1	1	185	-32.14	-143.32	-137.24	-38.23	25.29	1999.06	584.91	718.39	1865.58	413.45

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	1	186	-30.54	-154.29	-145.04	-39.79	32.55	1052.78	-1653.68	-1600.88	999.98	374.31
1	1	187	-32.41	-165.74	-151.54	-46.61	41.13	124.78	-4697.44	-4679.81	107.15	291.02
1	1	188	-38.78	-177.61	-155.60	-60.78	50.70	-760.08	-8686.22	-8682.73	-763.56	166.18
1	1	189	-54.49	-188.37	-158.61	-84.25	55.66	-1189.64	-1.094e+04	-1.094e+04	-1189.95	54.74
1	1	190	-44.12	-180.84	-156.03	-68.93	-52.70	-770.71	-8733.73	-8732.93	-771.51	80.10
1	1	191	-60.15	-190.37	-158.51	-92.01	-55.98	-1190.17	-1.098e+04	-1.098e+04	-1190.30	34.86
1	1	192	-36.36	-171.17	-153.01	-54.52	-46.02	84.33	-4735.15	-4732.70	81.89	108.53
1	1	193	-33.46	-161.18	-147.66	-46.98	-39.29	959.19	-1647.90	-1643.22	954.50	110.42
1	1	194	-34.44	-151.04	-140.93	-44.55	-32.81	1809.06	684.03	692.92	1800.16	99.64
1	1	195	-37.99	-141.24	-133.79	-45.44	-26.70	2612.27	2381.83	2417.52	2576.59	83.37
1	1	196	-42.88	-132.25	-127.03	-48.10	-20.97	3666.16	3240.07	3655.80	3250.43	65.65
1	1	197	-48.03	-124.54	-121.26	-51.32	-15.52	4514.83	3793.54	4511.59	3796.78	48.24
1	1	198	-52.56	-118.52	-116.89	-54.20	-10.26	5066.79	4196.99	5065.64	4198.14	31.60
1	1	199	-55.70	-114.62	-114.17	-56.15	-5.11	5375.57	4442.90	5375.30	4443.16	15.63
1	1	200	-56.83	-113.26	-113.26	-56.83		5474.74	4525.50	5474.74	4525.50	
1	1	201	-55.70	-114.62	-114.17	-56.15	5.11	5375.57	4442.90	5375.30	4443.16	-15.63
1	1	202	-52.56	-118.52	-116.89	-54.20	10.26	5066.79	4196.99	5065.64	4198.14	-31.60
1	1	203	-48.03	-124.54	-121.26	-51.32	15.52	4514.83	3793.54	4511.59	3796.78	-48.24
1	1	204	-42.88	-132.25	-127.03	-48.10	20.97	3666.16	3240.07	3655.80	3250.43	-65.65
1	1	205	-37.99	-141.24	-133.79	-45.44	26.70	2612.27	2381.83	2417.52	2576.59	-83.37
1	1	206	-34.44	-151.04	-140.93	-44.55	32.81	1809.06	684.03	692.92	1800.16	-99.64
1	1	207	-33.46	-161.18	-147.66	-46.98	39.29	959.19	-1647.90	-1643.22	954.50	-110.42
1	1	208	-36.36	-171.17	-153.01	-54.52	46.02	84.33	-4735.15	-4732.70	81.89	-108.53
1	1	209	-44.12	-180.84	-156.03	-68.93	52.70	-770.71	-8733.73	-8732.93	-771.51	-80.10
1	1	210	-60.15	-190.37	-158.51	-92.01	55.98	-1190.17	-1.098e+04	-1.098e+04	-1190.30	-34.86
1	1	211	-46.92	-181.69	-154.78	-73.84	-53.88	-743.39	-8598.67	-8585.92	-756.14	316.21
1	1	212	-63.04	-189.77	-156.86	-95.96	-55.57	-1162.96	-1.080e+04	-1.079e+04	-1164.47	120.35
1	1	213	-38.27	-174.33	-152.50	-60.10	-49.93	124.30	-4708.02	-4657.46	73.73	491.73
1	1	214	-34.97	-165.92	-147.99	-52.91	-45.02	1043.53	-1747.54	-1623.25	919.24	575.73
1	1	215	-35.96	-156.76	-142.14	-50.58	-39.40	2000.69	407.16	671.68	1736.17	592.92
1	1	216	-39.89	-147.38	-135.81	-51.45	-33.30	2987.10	1864.02	2366.40	2484.72	558.42
1	1	217	-45.48	-138.34	-129.75	-54.07	-26.91	3893.73	2823.26	3583.39	3133.61	485.69
1	1	218	-51.59	-130.18	-124.52	-57.25	-20.32	4584.98	3498.76	4424.37	3659.37	385.57
1	1	219	-57.19	-123.45	-120.53	-60.11	-13.61	5040.17	3973.98	4968.66	4045.49	266.69
1	1	220	-61.24	-118.86	-118.04	-62.06	-6.82	5291.10	4262.81	5272.74	4281.16	136.15
1	1	221	-62.74	-117.20	-117.20	-62.74		5370.37	4360.36	5370.37	4360.36	
1	1	222	-61.24	-118.86	-118.04	-62.06	6.82	5291.10	4262.81	5272.74	4281.16	-136.15
1	1	223	-57.19	-123.45	-120.53	-60.11	13.61	5040.17	3973.98	4968.66	4045.49	-266.69
1	1	224	-51.59	-130.18	-124.52	-57.25	20.32	4584.98	3498.76	4424.37	3659.37	-385.57
1	1	225	-45.48	-138.34	-129.75	-54.07	26.91	3893.73	2823.26	3583.39	3133.61	-485.69
1	1	226	-39.89	-147.38	-135.81	-51.45	33.30	2987.10	1864.02	2366.40	2484.72	-558.42
1	1	227	-35.96	-156.76	-142.14	-50.58	39.40	2000.69	407.16	671.68	1736.17	-592.92
1	1	228	-34.97	-165.92	-147.99	-52.91	45.02	1043.53	-1747.54	-1623.25	919.24	-575.73
1	1	229	-38.27	-174.33	-152.50	-60.10	49.93	124.30	-4708.02	-4657.46	73.73	-491.73
1	1	230	-46.92	-181.69	-154.78	-73.84	53.88	-743.39	-8598.67	-8585.92	-756.14	-316.21
1	1	231	-63.04	-189.77	-156.86	-95.96	55.57	-1162.96	-1.080e+04	-1.079e+04	-1164.47	-120.35
1	1	232	-47.28	-180.23	-151.83	-75.68	-54.49	-681.25	-8287.55	-8248.56	-720.24	543.18
1	1	233	-63.16	-186.64	-153.59	-96.21	-54.67	-1109.86	-1.039e+04	-1.038e+04	-1114.21	200.97
1	1	234	-38.22	-175.33	-150.08	-63.48	-53.15	234.85	-4617.53	-4460.27	77.59	859.28
1	1	235	-35.12	-168.66	-146.21	-57.58	-49.95	1258.03	-1916.53	-1545.07	886.57	1020.40
1	1	236	-36.70	-160.63	-141.10	-56.24	-45.16	2335.13	-18.44	652.99	1663.70	1062.75
1	1	237	-41.53	-151.84	-135.55	-57.82	-39.13	3333.12	1311.00	2271.95	2372.17	1009.81
1	1	238	-48.28	-142.87	-130.23	-60.92	-32.19	4119.93	2295.66	3431.78	2983.81	884.21
1	1	239	-55.76	-134.30	-125.63	-64.43	-24.61	4654.31	3055.03	4231.46	3477.88	705.30
1	1	240	-62.84	-126.78	-122.13	-67.50	-16.61	4961.51	3626.37	4747.97	3839.91	489.40
1	1	241	-68.21	-121.29	-119.94	-69.56	-8.37	5096.54	4000.11	5036.07	4060.58	250.29
1	1	242	-70.28	-119.19	-119.19	-70.28		5128.47	4134.68	5128.47	4134.68	
1	1	243	-68.21	-121.29	-119.94	-69.56	8.37	5096.54	4000.11	5036.07	4060.58	-250.29
1	1	244	-62.84	-126.78	-122.13	-67.50	16.61	4961.51	3626.37	4747.97	3839.91	-489.40
1	1	245	-55.76	-134.30	-125.63	-64.43	24.61	4654.31	3055.03	4231.46	3477.88	-705.30
1	1	246	-48.28	-142.87	-130.23	-60.92	32.19	4119.93	2295.66	3431.78	2983.81	-884.21
1	1	247	-41.53	-151.84	-135.55	-57.82	39.13	3333.12	1311.00	2271.95	2372.17	-1009.81
1	1	248	-36.70	-160.63	-141.10	-56.24	45.16	2335.13	-18.44	652.99	1663.70	-1062.75
1	1	249	-35.12	-168.66	-146.21	-57.58	49.95	1258.03	-1916.53	-1545.07	886.57	-1020.40
1	1	250	-38.22	-175.33	-150.08	-63.48	53.15	234.85	-4617.53	-4460.27	77.59	-859.28
1	1	251	-47.28	-180.23	-151.83	-75.68	54.49	-681.25	-8287.55	-8248.56	-720.24	-543.18
1	1	252	-63.16	-186.64	-153.59	-96.21	54.67	-1109.86	-1.039e+04	-1.038e+04	-1114.21	-200.97
1	1	253	-45.18	-176.44	-147.05	-74.57	-54.72	-586.74	-7807.68	-7726.81	-667.61	759.89
1	1	254	-60.37	-180.90	-148.51	-92.76	-53.43	-1032.76	-9757.13	-9748.43	-1041.46	275.25
1	1	255	-36.32	-174.20	-145.69	-64.83	-55.84	405.98	-4469.96	-4149.28	85.30	1208.63
1	1	256	-34.03	-169.48	-142.39	-61.13	-54.18	1543.66	-2116.33	-1415.97	843.30	1439.72
1	1	257	-36.76	-162.82	-138.02	-61.56	-50.11	2671.26	-474.72	631.94	1564.60	1502.28
1	1	258	-42.94	-154.85	-133.31	-64.48	-44.12	3604.26	744.25	2132.04	2216.47	1429.38
1	1	259	-51.20	-146.19	-128.85	-68.54	-36.70	4259.03	1717.41	3201.35	2775.09	1252.81

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	1	260	-60.34	-137.38	-125.02	-72.69	-28.27	4640.84	2518.04	3935.21	3223.67	1000.00
1	1	261	-69.23	-129.07	-122.12	-76.17	-19.17	4794.73	3163.50	4407.29	3550.93	694.18
1	1	262	-76.33	-122.45	-120.32	-78.46	-9.68	4790.91	3628.71	4669.80	3749.82	355.09
1	1	263	-79.25	-119.71	-119.71	-79.25		4753.86	3816.52	4753.86	3816.52	
1	1	264	-76.33	-122.45	-120.32	-78.46	9.68	4790.91	3628.71	4669.80	3749.82	-355.09
1	1	265	-69.23	-129.07	-122.12	-76.17	19.17	4794.73	3163.50	4407.29	3550.93	-694.18
1	1	266	-60.34	-137.38	-125.02	-72.69	28.27	4640.84	2518.04	3935.21	3223.67	-1000.00
1	1	267	-51.20	-146.19	-128.85	-68.54	36.70	4259.03	1717.41	3201.35	2775.09	-1252.81
1	1	268	-42.94	-154.85	-133.31	-64.48	44.12	3604.26	744.25	2132.04	2216.47	-1429.38
1	1	269	-36.76	-162.82	-138.02	-61.56	50.11	2671.26	-474.72	631.94	1564.60	-1502.28
1	1	270	-34.03	-169.48	-142.39	-61.13	54.18	1543.66	-2116.33	-1415.97	843.30	-1439.72
1	1	271	-36.32	-174.20	-145.69	-64.83	55.84	405.98	-4469.96	-4149.28	85.30	-1208.63
1	1	272	-45.18	-176.44	-147.05	-74.57	54.72	-586.74	-7807.68	-7726.81	-667.61	-759.89
1	1	273	-60.37	-180.90	-148.51	-92.76	53.43	-1032.76	-9757.13	-9748.43	-1041.46	-275.25
1	1	274	-40.65	-170.15	-140.14	-70.66	-54.64	-462.91	-7168.77	-7027.82	-603.86	961.94
1	1	275	-54.42	-172.34	-141.26	-85.51	-51.95	-934.34	-8911.65	-8897.09	-948.90	340.49
1	1	276	-32.74	-170.84	-139.20	-64.38	-58.04	623.15	-4274.23	-3735.73	84.65	1532.08
1	1	277	-31.93	-168.35	-136.55	-63.74	-57.68	1844.73	-2321.83	-1246.61	769.51	1823.15
1	1	278	-36.34	-163.38	-133.08	-66.64	-54.14	2948.00	-935.74	600.85	1411.41	1899.11
1	1	279	-44.26	-156.62	-129.45	-71.43	-48.11	3767.42	158.81	1942.76	1983.47	1804.19
1	1	280	-54.26	-148.64	-126.08	-76.82	-40.25	4273.28	1086.27	2891.75	2467.80	1579.34
1	1	281	-65.20	-139.93	-123.26	-81.87	-31.11	4500.75	1890.36	3538.22	2852.89	1259.41
1	1	282	-76.00	-131.05	-121.15	-85.91	-21.14	4506.52	2576.54	3951.37	3131.68	873.63
1	1	283	-85.20	-123.15	-119.85	-88.49	-10.68	4367.01	3113.18	4179.97	3300.22	446.69
1	1	284	-89.38	-119.42	-119.42	-89.38		4252.97	3356.59	4252.97	3356.59	
1	1	285	-85.20	-123.15	-119.85	-88.49	10.68	4367.01	3113.18	4179.97	3300.22	-446.69
1	1	286	-76.00	-131.05	-121.15	-85.91	21.14	4506.52	2576.54	3951.37	3131.68	-873.63
1	1	287	-65.20	-139.93	-123.26	-81.87	31.11	4500.75	1890.36	3538.22	2852.89	-1259.41
1	1	288	-54.26	-148.64	-126.08	-76.82	40.25	4273.28	1086.27	2891.75	2467.80	-1579.34
1	1	289	-44.26	-156.62	-129.45	-71.43	48.11	3767.42	158.81	1942.76	1983.47	-1804.19
1	1	290	-36.34	-163.38	-133.08	-66.64	54.14	2948.00	-935.74	600.85	1411.41	-1899.11
1	1	291	-31.93	-168.35	-136.55	-63.74	57.68	1844.73	-2321.83	-1246.61	769.51	-1823.15
1	1	292	-32.74	-170.84	-139.20	-64.38	58.04	623.15	-4274.23	-3735.73	84.65	-1532.08
1	1	293	-40.65	-170.15	-140.14	-70.66	54.64	-462.91	-7168.77	-7027.82	-603.86	-961.94
1	1	294	-54.42	-172.34	-141.26	-85.51	51.95	-934.34	-8911.65	-8897.09	-948.90	-340.49
1	1	295	-33.81	-161.03	-130.70	-64.15	-54.21	-315.25	-6385.45	-6163.18	-537.52	1140.09
1	1	296	-45.04	-160.57	-131.32	-74.29	-50.23	-819.00	-7857.29	-7835.37	-840.92	392.22
1	1	297	-27.84	-164.98	-130.36	-62.45	-59.57	861.32	-4039.31	-3235.77	57.78	1814.43
1	1	298	-29.29	-165.12	-128.71	-65.70	-60.17	2104.22	-2518.88	-1051.47	636.81	2151.90
1	1	299	-35.91	-162.30	-126.57	-71.64	-56.92	3111.90	-1396.50	549.77	1165.63	2233.07
1	1	300	-45.87	-157.24	-124.44	-78.67	-50.77	3777.55	-452.34	1699.37	1625.85	2114.63
1	1	301	-57.73	-150.47	-122.57	-85.63	-42.53	4118.00	392.38	2503.03	2007.35	1846.25
1	1	302	-70.38	-142.42	-121.08	-91.72	-32.89	4189.84	1159.84	3044.45	2305.23	1469.22
1	1	303	-82.93	-133.49	-120.02	-96.39	-22.35	4059.01	1845.84	3387.08	2517.78	1017.65
1	1	304	-94.25	-124.47	-119.40	-99.32	-11.29	3807.66	2412.55	3575.23	2644.98	519.85
1	1	305	-100.31	-119.19	-119.19	-100.31		3635.07	2687.30	3635.07	2687.30	
1	1	306	-94.25	-124.47	-119.40	-99.32	11.29	3807.66	2412.55	3575.23	2644.98	-519.85
1	1	307	-82.93	-133.49	-120.02	-96.39	22.35	4059.01	1845.84	3387.08	2517.78	-1017.65
1	1	308	-70.38	-142.42	-121.08	-91.72	32.89	4189.84	1159.84	3044.45	2305.23	-1469.22
1	1	309	-57.73	-150.47	-122.57	-85.63	42.53	4118.00	392.38	2503.03	2007.35	-1846.25
1	1	310	-45.87	-157.24	-124.44	-78.67	50.77	3777.55	-452.34	1699.37	1625.85	-2114.63
1	1	311	-35.91	-162.30	-126.57	-71.64	56.92	3111.90	-1396.50	549.77	1165.63	-2233.07
1	1	312	-29.29	-165.12	-128.71	-65.70	60.17	2104.22	-2518.88	-1051.47	636.81	-2151.90
1	1	313	-27.84	-164.98	-130.36	-62.45	59.57	861.32	-4039.31	-3235.77	57.78	-1814.43
1	1	314	-33.81	-161.03	-130.70	-64.15	54.21	-315.25	-6385.45	-6163.18	-537.52	-1140.09
1	1	315	-45.04	-160.57	-131.32	-74.29	50.23	-819.00	-7857.29	-7835.37	-840.92	-392.22
1	1	316	-25.09	-148.55	-118.19	-55.45	-53.16	-154.98	-5480.42	-5153.58	-481.82	1278.18
1	1	317	-32.03	-144.96	-118.01	-58.99	-48.14	-694.48	-6610.42	-6579.93	-724.98	423.67
1	1	318	-22.33	-156.18	-118.97	-59.55	-59.97	1077.97	-3771.60	-2672.68	-20.95	2030.19
1	1	319	-26.86	-159.46	-118.99	-67.33	-61.06	2255.68	-2698.56	-848.98	406.10	2396.31
1	1	320	-36.20	-159.39	-118.91	-76.68	-57.86	3100.43	-1857.25	467.46	775.72	2474.05
1	1	321	-48.45	-156.66	-118.95	-86.16	-51.56	3577.39	-1098.45	1397.63	1081.31	2332.56
1	1	322	-62.18	-151.77	-119.16	-94.79	-43.11	3740.01	-380.54	2037.04	1322.43	2029.05
1	1	323	-76.33	-145.10	-119.48	-101.95	-33.25	3661.27	301.81	2460.74	1502.34	1609.93
1	1	324	-90.12	-136.93	-119.81	-107.24	-22.54	3416.40	934.44	2724.94	1625.90	1112.68
1	1	325	-102.93	-127.61	-120.06	-110.48	-11.37	3098.45	1467.78	2868.41	1697.82	567.63
1	1	326	-111.57	-120.15	-120.15	-111.57		2913.76	1721.40	2913.76	1721.40	
1	1	327	-102.93	-127.61	-120.06	-110.48	11.37	3098.45	1467.78	2868.41	1697.82	-567.63
1	1	328	-90.12	-136.93	-119.81	-107.24	22.54	3416.40	934.44	2724.94	1625.90	-1112.68
1	1	329	-76.33	-145.10	-119.48	-101.95	33.25	3661.27	301.81	2460.74	1502.34	-1609.93
1	1	330	-62.18	-151.77	-119.16	-94.79	43.11	3740.01	-380.54	2037.04	1322.43	-2029.05
1	1	331	-48.45	-156.66	-118.95	-86.16	51.56	3577.39	-1098.45	1397.63	1081.31	-2332.56
1	1	332	-36.20	-159.39	-118.91	-76.68	57.86	3100.43	-1857.25	467.46	775.72	-2474.05
1	1	333	-26.86	-159.46	-118.99	-67.33	61.06	2255.68	-2698.56	-848.98	406.10	-2396.31

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	1	334	-22.33	-156.18	-118.97	-59.55	59.97	1077.97	-3771.60	-2672.68	-20.95	-2030.19
1	1	335	-25.09	-148.55	-118.19	-55.45	53.16	-154.98	-5480.42	-5153.58	-481.82	-1278.18
1	1	336	-32.03	-144.96	-118.01	-58.99	48.14	-694.48	-6610.42	-6579.93	-724.98	-423.67
1	1	337	-15.50	-131.97	-102.07	-45.40	-50.87	-4.67	-4487.84	-4035.46	-457.05	1350.34
1	1	338	-15.62	-124.65	-100.47	-39.81	-45.30	-573.93	-5205.42	-5166.01	-613.34	425.40
1	1	339	-17.42	-143.77	-104.94	-56.26	-58.30	1206.91	-3473.20	-2079.10	-187.20	2140.34
1	1	340	-25.83	-150.88	-107.80	-68.92	-59.43	2218.99	-2854.35	-661.07	25.71	2513.32
1	1	341	-38.34	-154.33	-110.85	-81.82	-56.15	2840.36	-2322.12	342.73	175.51	2579.88
1	1	342	-53.07	-154.68	-113.98	-93.78	-49.79	3102.58	-1796.55	1035.41	270.62	2419.53
1	1	343	-68.61	-152.40	-117.00	-104.01	-41.39	3086.97	-1264.88	1499.23	322.87	2094.92
1	1	344	-83.92	-147.88	-119.69	-112.11	-31.75	2880.41	-735.94	1798.68	345.79	1655.83
1	1	345	-98.35	-141.40	-121.82	-117.92	-21.44	2568.63	-235.45	1981.11	352.06	1141.17
1	1	346	-111.48	-133.12	-123.18	-121.41	-10.79	2255.78	174.27	2078.41	351.64	581.16
1	1	347	-122.57	-123.65	-123.65	-122.57		2108.86	350.79	2108.86	350.79	
1	1	348	-111.48	-133.12	-123.18	-121.41	10.79	2255.78	174.27	2078.41	351.64	-581.16
1	1	349	-98.35	-141.40	-121.82	-117.92	21.44	2568.63	-235.45	1981.11	352.06	-1141.17
1	1	350	-83.92	-147.88	-119.69	-112.11	31.75	2880.41	-735.94	1798.68	345.79	-1655.83
1	1	351	-68.61	-152.40	-117.00	-104.01	41.39	3086.97	-1264.88	1499.23	322.87	-2094.92
1	1	352	-53.07	-154.68	-113.98	-93.78	49.79	3102.58	-1796.55	1035.41	270.62	-2419.53
1	1	353	-38.34	-154.33	-110.85	-81.82	56.15	2840.36	-2322.12	342.73	175.51	-2579.88
1	1	354	-25.83	-150.88	-107.80	-68.92	59.43	2218.99	-2854.35	-661.07	25.71	-2513.32
1	1	355	-17.42	-143.77	-104.94	-56.26	58.30	1206.91	-3473.20	-2079.10	-187.20	-2140.34
1	1	356	-15.50	-131.97	-102.07	-45.40	50.87	-4.67	-4487.84	-4035.46	-457.05	-1350.34
1	1	357	-15.62	-124.65	-100.47	-39.81	45.30	-573.93	-5205.42	-5166.01	-613.34	-425.40
1	1	358	-7.08	-110.37	-82.05	-35.39	-46.07	94.58	-3456.03	-2870.37	-491.08	1317.74
1	1	359	2.57	-98.61	-77.99	-18.06	-40.76	-477.91	-3708.87	-3662.22	-524.56	385.43
1	1	360	-14.90	-126.85	-88.69	-53.06	-53.07	1157.57	-3141.86	-1498.35	-485.94	2089.26
1	1	361	-27.83	-138.79	-96.08	-70.54	-53.99	1904.23	-2983.28	-511.61	-567.44	2443.60
1	1	362	-43.90	-146.68	-103.60	-86.98	-50.72	2256.87	-2807.53	166.22	-716.88	2493.41
1	1	363	-61.24	-150.88	-110.88	-101.24	-44.56	2299.84	-2590.45	614.64	-905.25	2324.05
1	1	364	-78.44	-151.96	-117.59	-112.81	-36.68	2136.62	-2339.18	900.97	-1103.53	2000.92
1	1	365	-94.55	-150.38	-123.32	-121.61	-27.90	1864.01	-2072.30	1077.14	-1285.43	1574.23
1	1	366	-109.00	-146.44	-127.68	-127.76	-18.72	1569.45	-1819.82	1179.67	-1430.04	1081.28
1	1	367	-121.49	-140.28	-130.40	-131.38	-9.38	1337.90	-1628.15	1232.33	-1522.57	549.54
1	1	368	-131.32	-132.57	-131.32	-132.57		1248.46	-1554.37	1248.46	-1554.37	
1	1	369	-121.49	-140.28	-130.40	-131.38	9.38	1337.90	-1628.15	1232.33	-1522.57	-549.54
1	1	370	-109.00	-146.44	-127.68	-127.76	18.72	1569.45	-1819.82	1179.67	-1430.04	-1081.28
1	1	371	-94.55	-150.38	-123.32	-121.61	27.90	1864.01	-2072.30	1077.14	-1285.43	-1574.23
1	1	372	-78.44	-151.96	-117.59	-112.81	36.68	2136.62	-2339.18	900.97	-1103.53	-2000.92
1	1	373	-61.24	-150.88	-110.88	-101.24	44.56	2299.84	-2590.45	614.64	-905.25	-2324.05
1	1	374	-43.90	-146.68	-103.60	-86.98	50.72	2256.87	-2807.53	166.22	-716.88	-2493.41
1	1	375	-27.83	-138.79	-96.08	-70.54	53.99	1904.23	-2983.28	-511.61	-567.44	-2443.60
1	1	376	-14.90	-126.85	-88.69	-53.06	53.07	1157.57	-3141.86	-1498.35	-485.94	-2089.26
1	1	377	-7.08	-110.37	-82.05	-35.39	46.07	94.58	-3456.03	-2870.37	-491.08	-1317.74
1	1	378	2.57	-98.61	-77.99	-18.06	40.76	-477.91	-3708.87	-3662.22	-524.56	-385.43
1	1	379	-2.83	-82.74	-58.84	-26.74	-36.59	78.86	-2444.52	-1756.80	-608.86	1123.58
1	1	380	17.04	-66.33	-50.93	1.64	-32.36	-413.38	-2239.55	-2191.29	-461.64	292.94
1	1	381	-16.96	-104.61	-71.69	-49.88	-42.44	827.99	-2771.18	-984.43	-958.76	1799.54
1	1	382	-35.01	-122.65	-85.42	-72.24	-43.32	1231.50	-3102.54	-425.99	-1445.05	2106.26
1	1	383	-54.96	-135.77	-98.79	-91.93	-40.26	1311.02	-3383.44	-68.51	-2003.91	2138.47
1	1	384	-74.90	-144.62	-111.51	-108.01	-34.82	1188.17	-3615.46	144.26	-2571.54	1981.12
1	1	385	-93.43	-149.94	-122.90	-120.47	-28.23	970.95	-3803.13	263.45	-3095.62	1696.20
1	1	386	-109.71	-152.22	-132.30	-129.64	-21.21	738.63	-3949.96	325.79	-3537.13	1328.60
1	1	387	-123.37	-151.79	-139.27	-135.89	-14.11	543.16	-4056.70	355.60	-3869.13	909.71
1	1	388	-134.21	-148.85	-143.54	-139.51	-7.03	415.44	-4121.98	368.01	-4074.55	461.49
1	1	389	-140.70	-144.98	-144.98	-140.70		371.27	-4144.01	371.27	-4144.01	
1	1	390	-134.21	-148.85	-143.54	-139.51	7.03	415.44	-4121.98	368.01	-4074.55	-461.49
1	1	391	-123.37	-151.79	-139.27	-135.89	14.11	543.16	-4056.70	355.60	-3869.13	-909.71
1	1	392	-109.71	-152.22	-132.30	-129.64	21.21	738.63	-3949.96	325.79	-3537.13	-1328.60
1	1	393	-93.43	-149.94	-122.90	-120.47	28.23	970.95	-3803.13	263.45	-3095.62	-1696.20
1	1	394	-74.90	-144.62	-111.51	-108.01	34.82	1188.17	-3615.46	144.26	-2571.54	-1981.12
1	1	395	-54.96	-135.77	-98.79	-91.93	40.26	1311.02	-3383.44	-68.51	-2003.91	-2138.47
1	1	396	-35.01	-122.65	-85.42	-72.24	43.32	1231.50	-3102.54	-425.99	-1445.05	-2106.26
1	1	397	-16.96	-104.61	-71.69	-49.88	42.44	827.99	-2771.18	-984.43	-958.76	-1799.54
1	1	398	-2.83	-82.74	-58.84	-26.74	36.59	78.86	-2444.52	-1756.80	-608.86	-1123.58
1	1	399	17.04	-66.33	-50.93	1.64	32.36	-413.38	-2239.55	-2191.29	-461.64	-292.94
1	1	400	-5.04	-48.94	-35.19	-18.80	-20.36	-93.33	-1495.30	-846.54	-742.08	699.03
1	1	401	16.81	-30.39	-23.03	9.45	-17.13	-326.19	-1006.90	-974.58	-358.50	144.75
1	1	402	-26.45	-76.96	-56.10	-47.32	-24.87	168.22	-2358.21	-595.64	-1594.36	1160.32
1	1	403	-50.15	-101.13	-77.36	-73.93	-25.43	221.66	-3322.08	-422.50	-2677.91	1366.67
1	1	404	-74.21	-120.42	-98.67	-95.96	-23.06	131.50	-4299.63	-353.98	-3814.14	1384.04
1	1	405	-96.19	-135.38	-118.47	-113.10	-19.41	-14.99	-5223.22	-349.93	-4888.28	1277.60
1	1	406	-114.60	-146.80	-135.47	-125.93	-15.37	-166.92	-6037.73	-377.04	-5827.60	1090.61
1	1	407	-128.78	-155.36	-149.00	-135.14	-11.34	-298.31	-6703.76	-413.84	-6588.23	852.45

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	1	408	-138.58	-161.49	-158.75	-141.32	-7.44	-397.01	-7195.08	-447.36	-7144.73	582.89
1	1	409	-144.21	-165.28	-164.62	-144.88	-3.68	-457.64	-7495.55	-470.07	-7483.12	295.47
1	1	410	-146.04	-166.58	-166.58	-146.04		-478.05	-7596.60	-478.05	-7596.60	
1	1	411	-144.21	-165.28	-164.62	-144.88	3.68	-457.64	-7495.55	-470.07	-7483.12	-295.47
1	1	412	-138.58	-161.49	-158.75	-141.32	7.44	-397.01	-7195.08	-447.36	-7144.73	-582.89
1	1	413	-128.78	-155.36	-149.00	-135.14	11.34	-298.31	-6703.76	-413.84	-6588.23	-852.45
1	1	414	-114.60	-146.80	-135.47	-125.93	15.37	-166.92	-6037.73	-377.04	-5827.60	-1090.61
1	1	415	-96.19	-135.38	-118.47	-113.10	19.41	-14.99	-5223.22	-349.93	-4888.28	-1277.60
1	1	416	-74.21	-120.42	-98.67	-95.96	23.06	131.50	-4299.63	-353.98	-3814.14	-1384.04
1	1	417	-50.15	-101.13	-77.36	-73.93	25.43	221.66	-3322.08	-422.50	-2677.91	-1366.67
1	1	418	-26.45	-76.96	-56.10	-47.32	24.87	168.22	-2358.21	-595.64	-1594.36	-1160.32
1	1	419	-5.04	-48.94	-35.19	-18.80	20.36	-93.33	-1495.30	-846.54	-742.08	-699.03
1	1	420	16.81	-30.39	-23.03	9.45	17.13	-326.19	-1006.90	-974.58	-358.50	-144.75
1	1	421	-0.98	-21.98	-9.89	-13.07	-10.38	-341.15	-866.11	-419.58	-787.67	187.15
1	1	422	14.89	-1.78	2.82	10.30	-7.45	-238.32	-443.60	-406.64	-275.28	-78.88
1	1	423	-27.52	-56.57	-38.91	-45.19	-14.18	-344.83	-2028.13	-428.57	-1944.40	365.98
1	1	424	-59.91	-88.67	-73.87	-74.71	-14.37	-381.32	-3464.43	-453.09	-3392.66	464.89
1	1	425	-89.61	-116.19	-107.31	-98.49	-12.53	-461.50	-4925.29	-517.67	-4869.12	497.58
1	1	426	-112.15	-140.20	-135.85	-116.49	-10.15	-567.13	-6273.12	-607.45	-6232.80	477.96
1	1	427	-127.78	-160.76	-158.82	-129.73	-7.78	-673.31	-7429.99	-699.52	-7403.77	420.07
1	1	428	-138.31	-177.13	-176.31	-139.13	-5.58	-765.45	-8354.05	-780.29	-8339.21	335.28
1	1	429	-145.09	-188.89	-188.59	-145.38	-3.59	-835.36	-9023.68	-841.97	-9017.07	232.53
1	1	430	-148.89	-195.94	-195.88	-148.96	-1.75	-878.69	-9428.41	-880.35	-9426.76	118.84
1	1	431	-150.12	-198.29	-198.29	-150.12		-893.35	-9563.73	-893.35	-9563.73	
1	1	432	-148.89	-195.94	-195.88	-148.96	1.75	-878.69	-9428.41	-880.35	-9426.76	-118.84
1	1	433	-145.09	-188.89	-188.59	-145.38	3.59	-835.36	-9023.68	-841.97	-9017.07	-232.53
1	1	434	-138.31	-177.13	-176.31	-139.13	5.58	-765.45	-8354.05	-780.29	-8339.21	-335.28
1	1	435	-127.78	-160.76	-158.82	-129.73	7.78	-673.31	-7429.99	-699.52	-7403.77	-420.07
1	1	436	-112.15	-140.20	-135.85	-116.49	10.15	-567.13	-6273.12	-607.45	-6232.80	-477.96
1	1	437	-89.61	-116.19	-107.31	-98.49	12.53	-461.50	-4925.29	-517.67	-4869.12	-497.58
1	1	438	-59.91	-88.67	-73.87	-74.71	14.37	-381.32	-3464.43	-453.09	-3392.66	-464.89
1	1	439	-27.52	-56.57	-38.91	-45.19	14.18	-344.83	-2028.13	-428.57	-1944.40	-365.98
1	1	440	-0.98	-21.98	-9.89	-13.07	10.38	-341.15	-866.11	-419.58	-787.67	-187.15
1	1	441	14.89	-1.78	2.82	10.30	7.45	-238.32	-443.60	-406.64	-275.28	78.88
1	8	1	410.70	-17.80	42.12	350.77	148.61	2120.21	-2442.24	-472.35	150.32	2259.88
1	8	2	272.16	-71.52	21.51	179.13	152.70	1449.52	-2098.25	-445.51	-203.21	1769.74
1	8	3	260.07	-92.70	-9.79	177.17	149.57	1064.39	-3015.30	-1537.63	-413.28	1960.85
1	8	4	349.69	-62.13	-5.44	293.00	141.89	1672.35	-3533.79	-1762.74	-98.71	2466.52
1	8	5	224.25	-100.37	13.27	110.61	154.84	849.34	-1495.91	-422.17	-224.40	1168.45
1	8	6	219.08	-114.04	-6.43	111.48	155.78	644.72	-2152.47	-1080.66	-427.09	1359.88
1	8	7	189.69	-116.06	7.89	65.74	150.11	237.29	-840.81	-376.10	-227.41	533.90
1	8	8	185.54	-127.18	-9.44	67.80	151.52	73.78	-1228.03	-750.23	-404.01	627.46
1	8	9	162.73	-126.86	3.84	32.03	144.11	-95.15	-330.01	-237.15	-188.01	114.83
1	8	10	158.24	-136.56	-12.68	34.36	145.51	-252.51	-600.42	-508.44	-344.49	153.43
1	8	11	139.64	-135.29	0.47	3.89	137.45	0.22	-303.73	-153.68	-149.84	-151.96
1	8	12	134.59	-143.95	-15.72	6.36	138.83	-144.26	-459.41	-324.28	-279.40	-155.97
1	8	13	118.80	-142.75	-2.57	-21.38	130.43	210.26	-413.37	-90.04	-113.06	-311.60
1	8	14	113.07	-150.55	-18.65	-18.83	131.81	140.30	-545.76	-189.73	-215.73	-342.79
1	8	15	99.34	-150.16	-5.45	-45.38	123.14	331.56	-455.67	-43.73	-80.39	-393.19
1	8	16	92.84	-157.15	-21.55	-42.76	124.55	316.61	-565.66	-91.28	-157.78	-439.88
1	8	17	80.82	-158.28	-8.30	-69.16	115.61	388.34	-450.97	-10.39	-52.25	-419.13
1	8	18	73.44	-164.44	-24.52	-66.48	117.08	410.86	-538.18	-20.38	-106.93	-472.55
1	8	19	63.07	-167.81	-11.22	-93.52	107.85	398.93	-414.73	12.91	-28.71	-406.30
1	8	20	54.67	-173.06	-27.62	-90.77	109.40	445.13	-479.77	29.08	-63.73	-460.11
1	8	21	46.07	-179.49	-14.30	-119.12	99.86	377.51	-358.90	28.26	-9.64	-367.72
1	8	22	36.52	-183.74	-30.91	-116.31	101.51	436.75	-403.31	61.60	-28.15	-417.63
1	8	23	29.97	-194.15	-17.59	-146.59	91.64	335.31	-292.97	37.11	5.23	-313.73
1	8	24	19.15	-197.28	-34.43	-143.70	93.41	399.46	-319.12	80.29	5.84e-02	-357.04
1	8	25	14.94	-212.66	-21.19	-176.54	83.16	281.47	-224.85	40.41	16.21	-252.87
1	8	26	2.81	-214.60	-38.23	-173.57	85.08	344.36	-235.83	87.17	21.36	-288.22
1	8	27	1.13	-235.97	-25.16	-209.68	74.44	223.90	-161.62	38.63	23.66	-192.61
1	8	28	-12.22	-236.72	-42.32	-206.62	76.50	280.87	-161.22	83.25	36.40	-219.80
1	8	29	-11.42	-265.11	-29.63	-246.90	65.49	170.06	-110.28	31.74	28.04	-140.16
1	8	30	-25.70	-264.75	-46.71	-243.75	67.67	217.70	-103.13	68.54	46.02	-160.02
1	8	31	-22.82	-301.27	-34.73	-289.37	56.33	127.98	-78.78	19.17	30.02	-103.24
1	8	32	-37.52	-299.92	-51.34	-286.10	58.60	164.38	-70.87	41.96	51.55	-117.53
1	8	33	-33.41	-346.10	-40.66	-338.84	47.08	107.75	-76.54	0.25	30.96	-90.86
1	8	34	-47.54	-343.83	-55.97	-335.41	49.25	133.87	-77.78	0.79	55.30	-102.26
1	8	35	-43.73	-402.22	-47.78	-398.17	37.88	120.44	-119.95	-31.99	32.48	-115.79
1	8	36	-55.29	-399.03	-59.89	-394.43	39.49	141.32	-137.69	-57.66	61.28	-126.19
1	8	37	-54.72	-475.35	-56.79	-473.28	29.45	198.56	-205.93	-53.38	46.00	-196.04
1	8	38	-58.14	-469.94	-60.14	-467.94	28.60	206.47	-269.10	-142.96	80.34	-209.95
1	8	39	-68.38	-576.62	-69.11	-575.90	19.14	316.80	-293.60	-60.59	83.79	-296.54
1	8	40	-41.78	-567.42	-41.89	-567.31	7.68	297.65	-402.32	-238.31	133.64	-296.49

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	8	41	-94.93	-793.26	-95.16	-793.02	12.72	466.36	-344.16	-58.93	181.12	-387.08
1	8	42	-35.83	-716.26	-35.91	-716.18	-7.36	439.71	-480.42	-274.68	233.97	-383.38
1	8	43	230.84	-124.39	-58.19	164.63	138.33	540.06	-4209.98	-2997.67	-672.25	2070.95
1	8	44	255.88	-114.55	-65.02	206.36	126.07	954.15	-4955.84	-3465.26	-536.43	2566.61
1	8	45	204.84	-136.75	-44.06	112.15	151.89	217.62	-3093.24	-2155.23	-720.39	1491.90
1	8	46	178.80	-142.80	-36.30	72.30	151.35	-270.85	-1922.42	-1512.88	-680.39	713.20
1	8	47	154.39	-148.26	-34.13	40.26	146.68	-513.53	-1112.09	-1026.95	-598.67	209.07
1	8	48	131.91	-153.25	-34.20	12.86	140.62	-429.34	-734.02	-662.11	-501.25	-129.38
1	8	49	110.80	-158.14	-35.36	-11.98	133.96	-58.16	-733.04	-390.33	-400.87	-337.40
1	8	50	90.56	-163.36	-37.14	-35.67	126.96	204.38	-700.53	-190.68	-305.47	-448.80
1	8	51	70.88	-169.39	-39.34	-59.17	119.72	364.56	-630.11	-46.54	-219.01	-489.80
1	8	52	51.60	-176.73	-41.86	-83.27	112.27	446.56	-535.77	54.26	-143.47	-481.11
1	8	53	32.76	-186.03	-44.68	-108.60	104.62	470.77	-429.80	120.65	-79.68	-439.00
1	8	54	14.55	-198.04	-47.73	-135.76	96.75	453.52	-322.28	158.97	-27.73	-376.50
1	8	55	-2.69	-213.66	-50.97	-165.38	88.63	407.83	-221.65	173.32	12.86	-304.34
1	8	56	-18.50	-233.97	-54.30	-198.16	80.21	344.31	-135.42	165.85	43.04	-231.87
1	8	57	-32.37	-260.13	-57.55	-234.95	71.42	272.23	-71.14	136.74	64.35	-167.83
1	8	58	-43.80	-293.42	-60.36	-276.86	62.12	202.75	-39.42	84.13	79.20	-121.06
1	8	59	-52.11	-335.33	-61.97	-325.46	51.92	158.07	-62.35	4.20	91.52	-101.19
1	8	60	-55.87	-387.87	-60.73	-383.01	39.85	159.34	-160.60	-108.99	107.73	-117.69
1	8	61	-51.51	-454.02	-52.78	-452.76	22.55	214.09	-336.88	-261.79	139.00	-189.03
1	8	62	-41.63	-539.74	-41.86	-539.51	-10.64	297.43	-528.52	-441.40	210.30	-253.71
1	8	63	-38.42	-615.33	-40.33	-613.41	-33.21	395.40	-651.50	-532.12	276.02	-332.75
1	8	64	195.25	-141.73	-88.02	141.53	123.35	-16.61	-5110.53	-4265.50	-861.64	1894.85
1	8	65	199.53	-136.29	-94.50	157.73	110.86	213.19	-5963.83	-4922.43	-828.21	2312.63
1	8	66	184.23	-151.15	-74.76	107.84	140.66	-249.47	-3760.93	-3086.20	-924.20	1383.48
1	8	67	166.51	-155.92	-63.57	74.16	145.77	-576.07	-2470.99	-2170.37	-876.69	692.29
1	8	68	147.03	-159.06	-56.77	44.73	144.38	-717.73	-1558.40	-1485.72	-790.40	236.25
1	8	69	127.26	-162.14	-53.42	18.54	140.15	-662.05	-983.68	-966.02	-679.70	-73.25
1	8	70	107.67	-165.47	-52.13	-5.67	134.58	-300.39	-835.72	-575.90	-560.21	-267.55
1	8	71	88.25	-169.35	-52.13	-28.97	128.28	18.22	-747.20	-287.07	-441.91	-374.80
1	8	72	68.95	-174.12	-52.97	-52.20	121.54	232.18	-641.01	-77.59	-331.24	-417.77
1	8	73	49.76	-180.20	-54.39	-76.06	114.47	360.08	-522.59	69.48	-231.99	-414.79
1	8	74	30.76	-188.10	-56.20	-101.14	107.10	421.76	-401.20	166.78	-146.22	-380.56
1	8	75	12.21	-198.52	-58.28	-128.03	99.42	433.59	-284.91	223.41	-74.74	-326.86
1	8	76	-5.46	-212.32	-60.45	-157.33	91.38	408.39	-180.40	245.40	-17.41	-263.44
1	8	77	-21.64	-230.55	-62.50	-189.69	82.87	355.89	-93.16	235.99	26.75	-198.66
1	8	78	-35.57	-254.43	-64.10	-225.90	73.69	283.53	-28.13	195.78	59.62	-140.17
1	8	79	-46.45	-285.18	-64.72	-266.91	63.46	200.85	6.22	122.89	84.18	-95.37
1	8	80	-53.38	-324.06	-63.52	-313.92	51.41	144.12	-26.27	13.02	104.82	-71.77
1	8	81	-55.15	-372.33	-59.24	-368.23	35.82	148.38	-160.01	-139.54	127.91	-76.77
1	8	82	-51.51	-431.32	-51.95	-430.88	12.93	188.37	-374.02	-345.17	159.52	-124.05
1	8	83	-43.01	-497.81	-44.02	-496.80	-21.45	253.19	-638.87	-602.89	217.21	-175.50
1	8	84	-40.00	-558.64	-43.41	-555.22	-41.94	301.28	-800.28	-744.04	245.04	-242.47
1	8	85	164.13	-152.57	-106.73	118.29	111.43	-454.45	-5920.20	-5337.40	-1037.25	1686.94
1	8	86	162.06	-148.79	-111.87	125.14	100.56	-267.23	-6811.40	-6121.82	-956.82	2009.29
1	8	87	161.90	-160.03	-95.95	97.82	128.55	-624.47	-4392.64	-3904.02	-1113.08	1265.87
1	8	88	151.61	-164.53	-85.20	72.28	137.06	-836.94	-2993.30	-2765.30	-1064.94	663.07
1	8	89	137.24	-167.16	-76.75	46.83	139.10	-900.84	-1970.03	-1902.79	-968.08	259.56
1	8	90	120.89	-169.23	-71.04	22.71	137.28	-842.31	-1246.84	-1246.06	-843.08	-17.70
1	8	91	103.51	-171.46	-67.58	-0.37	133.32	-532.23	-923.39	-749.98	-705.65	-194.32
1	8	92	85.54	-174.22	-65.71	-22.98	128.11	-165.01	-782.79	-380.67	-567.13	-294.48
1	8	93	67.15	-177.85	-64.96	-45.74	122.12	100.95	-647.88	-111.55	-435.38	-337.59
1	8	94	48.50	-182.69	-64.97	-69.22	115.58	273.74	-511.13	78.17	-315.56	-339.49
1	8	95	29.76	-189.21	-65.50	-93.95	108.56	372.32	-378.73	204.31	-210.72	-312.98
1	8	96	11.24	-197.98	-66.30	-120.44	101.05	413.01	-256.93	278.45	-122.37	-268.41
1	8	97	-6.56	-209.82	-67.14	-149.24	92.97	408.37	-150.75	308.38	-50.76	-214.26
1	8	98	-22.92	-225.74	-67.71	-180.94	84.14	367.17	-63.77	298.45	4.95	-157.76
1	8	99	-36.90	-246.93	-67.65	-216.18	74.25	294.62	1.89	249.86	46.65	-105.36
1	8	100	-47.53	-274.58	-66.43	-255.67	62.73	194.78	43.38	160.84	77.33	-63.14
1	8	101	-53.89	-309.69	-63.49	-300.09	48.61	116.60	11.42	26.96	101.06	-37.33
1	8	102	-55.43	-352.89	-58.52	-349.80	30.14	126.92	-162.99	-158.86	122.79	-34.34
1	8	103	-52.03	-403.71	-52.10	-403.64	5.06	154.75	-417.55	-409.84	147.03	-66.01
1	8	104	-43.90	-459.84	-45.83	-457.91	-28.29	201.52	-741.56	-729.23	189.19	-107.13
1	8	105	-41.11	-513.17	-45.86	-508.42	-47.15	237.78	-927.23	-904.93	215.48	-159.65
1	8	106	138.90	-159.80	-119.07	98.16	102.51	-783.46	-6590.92	-6206.81	-1167.58	1443.33
1	8	107	134.47	-156.96	-123.23	100.74	93.23	-644.02	-7523.82	-7085.14	-1082.70	1680.95
1	8	108	141.19	-165.85	-110.32	85.66	118.18	-922.09	-4925.30	-4586.83	-1260.57	1113.75
1	8	109	136.22	-169.91	-100.89	67.20	127.92	-1046.42	-3444.70	-3273.95	-1217.17	616.73
1	8	110	126.35	-172.34	-92.37	46.38	132.25	-1052.96	-2328.55	-2265.53	-1115.98	276.43
1	8	111	113.40	-173.95	-85.58	25.03	132.60	-977.24	-1495.24	-1492.27	-980.21	39.10
1	8	112	98.50	-175.46	-80.60	3.63	130.34	-746.21	-987.89	-905.58	-828.52	-114.53
1	8	113	82.30	-177.35	-77.13	-17.92	126.40	-341.63	-798.97	-466.93	-673.67	-203.97
1	8	114	65.18	-179.98	-74.85	-39.95	121.33	-25.60	-645.21	-146.03	-524.78	-245.18

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	8	115	47.41	-183.68	-73.42	-62.85	115.42	190.23	-497.24	81.07	-388.08	-251.25
1	8	116	29.24	-188.83	-72.56	-87.03	108.80	324.40	-359.09	232.85	-267.54	-232.79
1	8	117	11.03	-195.96	-72.01	-112.93	101.45	393.42	-235.75	322.99	-165.32	-198.37
1	8	118	-6.70	-205.77	-71.48	-140.99	93.27	409.67	-130.95	360.84	-82.12	-154.96
1	8	119	-23.15	-219.22	-70.66	-171.71	84.01	381.28	-46.87	351.79	-17.38	-108.42
1	8	120	-37.26	-237.48	-69.18	-205.55	73.30	312.08	16.12	297.58	30.62	-63.88
1	8	121	-47.91	-261.73	-66.68	-242.95	60.51	201.60	59.63	196.57	64.66	-26.24
1	8	122	-54.20	-292.83	-62.89	-284.15	44.69	88.47	43.80	43.81	88.46	-0.59
1	8	123	-55.64	-331.02	-57.85	-328.81	24.55	106.85	-169.25	-169.05	106.65	7.44
1	8	124	-52.16	-375.59	-52.16	-375.58	-1.23	124.22	-456.62	-456.43	124.03	-10.68
1	8	125	-43.94	-425.01	-46.91	-422.05	-33.48	158.77	-822.94	-821.12	156.95	-42.21
1	8	126	-40.90	-472.22	-47.08	-466.04	-51.27	183.67	-1027.19	-1021.50	177.98	-82.83
1	8	127	118.21	-164.35	-127.10	80.95	95.60	-1029.57	-7113.08	-6876.67	-1265.97	1175.70
1	8	128	112.52	-162.11	-130.57	80.98	87.56	-916.90	-8078.69	-7819.91	-1175.68	1336.54
1	8	129	123.05	-169.39	-119.86	73.53	109.68	-1146.49	-5345.65	-5124.73	-1367.41	937.47
1	8	130	121.65	-172.88	-111.68	60.46	119.50	-1205.89	-3807.93	-3684.11	-1329.71	553.95
1	8	131	115.32	-174.98	-103.64	43.97	124.99	-1169.18	-2622.19	-2563.54	-1227.83	285.98
1	8	132	105.38	-176.23	-96.50	25.65	126.87	-1071.20	-1712.26	-1697.75	-1085.71	95.35
1	8	133	92.89	-177.21	-90.59	6.28	126.07	-916.15	-1045.40	-1037.70	-923.84	-30.58
1	8	134	78.58	-178.39	-85.91	-13.90	123.34	-498.76	-800.40	-542.50	-756.66	-106.20
1	8	135	62.93	-180.16	-82.31	-34.93	119.21	-134.19	-639.39	-179.07	-594.52	-143.72
1	8	136	46.27	-182.83	-79.55	-57.01	113.99	120.57	-486.18	79.01	-444.62	-153.26
1	8	137	28.91	-186.72	-77.39	-80.42	107.81	286.56	-345.94	252.36	-311.74	-143.04
1	8	138	11.22	-192.26	-75.56	-105.48	100.64	381.06	-223.35	356.39	-198.67	-119.61
1	8	139	-6.25	-200.08	-73.80	-132.53	92.35	416.64	-121.46	401.75	-106.58	-88.24
1	8	140	-22.70	-211.04	-71.81	-161.94	82.69	401.24	-41.74	394.74	-35.24	-53.26
1	8	141	-36.97	-226.32	-69.29	-194.00	71.24	338.58	15.77	337.52	16.82	-18.41
1	8	142	-47.80	-247.13	-65.99	-228.94	57.41	229.33	51.31	228.42	52.22	12.70
1	8	143	-54.13	-274.37	-61.82	-266.68	40.43	105.05	31.54	61.97	74.63	36.21
1	8	144	-55.44	-308.18	-56.93	-306.68	19.40	97.43	-179.49	-171.00	88.93	47.76
1	8	145	-51.70	-347.91	-51.84	-347.77	-6.48	103.70	-487.84	-484.84	100.70	42.04
1	8	146	-43.20	-392.34	-47.32	-388.22	-37.69	125.87	-882.05	-881.68	125.49	19.49
1	8	147	-39.80	-434.28	-47.53	-426.56	-54.66	142.14	-1099.54	-1099.43	142.03	-11.62
1	8	148	100.82	-166.81	-132.03	66.03	90.00	-1201.87	-7482.93	-7353.12	-1331.68	893.58
1	8	149	94.06	-165.11	-135.10	64.05	82.93	-1105.21	-8471.82	-8337.88	-1239.15	984.25
1	8	150	107.36	-170.97	-125.79	62.19	102.63	-1305.82	-5646.79	-5515.15	-1437.46	744.39
1	8	151	108.42	-173.78	-118.56	53.20	111.96	-1317.81	-4073.72	-3988.09	-1403.44	478.18
1	8	152	104.75	-175.39	-111.02	40.38	117.84	-1248.30	-2842.84	-2788.90	-1302.24	288.27
1	8	153	97.31	-176.18	-103.83	24.96	120.63	-1126.15	-1886.95	-1856.20	-1156.90	149.82
1	8	154	87.00	-176.65	-97.37	7.72	120.90	-970.55	-1160.07	-1141.98	-988.65	55.69
1	8	155	74.53	-177.22	-91.82	-10.88	119.19	-604.41	-813.10	-604.47	-813.05	-3.36
1	8	156	60.41	-178.26	-87.15	-30.69	115.95	-206.08	-644.38	-208.99	-641.47	-35.59
1	8	157	45.02	-180.03	-83.26	-51.74	111.41	76.76	-486.13	72.64	-482.01	-47.96
1	8	158	28.67	-182.80	-79.97	-74.15	105.69	266.18	-343.63	262.67	-340.12	-46.10
1	8	159	11.72	-186.91	-77.07	-98.12	98.75	379.84	-221.15	377.87	-219.18	-34.40
1	8	160	-5.32	-192.87	-74.30	-123.89	90.43	430.42	-121.27	429.94	-120.79	-16.27
1	8	161	-21.64	-201.48	-71.42	-151.69	80.47	425.93	-45.14	425.86	-45.07	5.64
1	8	162	-36.04	-213.87	-68.21	-181.70	68.46	370.47	6.85	368.12	9.19	29.09
1	8	163	-47.09	-231.38	-64.49	-213.97	53.90	267.07	32.38	254.95	44.51	51.95
1	8	164	-53.52	-255.02	-60.25	-248.30	36.20	144.81	0.26	80.43	64.64	71.84
1	8	165	-54.70	-285.07	-55.65	-284.12	14.75	102.35	-192.65	-165.09	74.78	85.86
1	8	166	-50.66	-320.91	-51.11	-320.46	-10.94	95.06	-510.08	-495.89	80.87	91.57
1	8	167	-41.84	-361.38	-47.23	-355.99	-41.16	103.58	-920.05	-914.19	97.71	77.28
1	8	168	-38.10	-398.86	-47.48	-389.48	-57.41	112.13	-1146.19	-1143.85	109.79	54.17
1	8	169	85.90	-167.45	-134.48	52.93	85.24	-1308.96	-7699.44	-7641.78	-1366.62	604.28
1	8	170	77.95	-166.31	-137.36	49.01	78.95	-1220.94	-8701.39	-8648.02	-1274.31	629.59
1	8	171	93.76	-170.73	-128.86	51.89	96.54	-1405.62	-5825.40	-5758.00	-1473.02	541.61
1	8	172	96.59	-172.74	-122.22	46.07	105.14	-1385.35	-4237.76	-4182.31	-1440.79	393.81
1	8	173	94.91	-173.67	-115.04	36.28	110.95	-1290.95	-2986.04	-2936.68	-1340.31	285.01
1	8	174	89.46	-173.88	-107.83	23.41	114.15	-1143.80	-2012.99	-1963.08	-1193.71	202.21
1	8	175	81.04	-173.80	-101.00	8.23	115.12	-946.18	-1290.91	-1214.94	-1022.15	142.89
1	8	176	70.29	-173.82	-94.79	-8.74	114.22	-605.94	-886.32	-650.56	-841.70	102.57
1	8	177	57.72	-174.24	-89.30	-27.22	111.75	-221.18	-677.74	-234.53	-664.38	76.94
1	8	178	43.71	-175.28	-84.51	-47.06	107.88	69.21	-505.73	62.38	-498.90	62.30
1	8	179	28.54	-177.13	-80.32	-68.26	102.66	268.51	-356.28	263.51	-351.27	55.71
1	8	180	12.54	-180.03	-76.57	-90.92	96.02	391.52	-230.24	386.61	-225.33	55.06
1	8	181	-3.86	-184.38	-73.07	-115.17	87.77	450.23	-129.15	444.17	-123.09	58.93
1	8	182	-19.88	-190.86	-69.62	-141.12	77.65	452.55	-53.87	443.68	-45.01	66.42
1	8	183	-34.33	-200.58	-66.03	-168.88	65.31	402.93	-5.17	387.85	9.91	76.98
1	8	184	-45.63	-214.97	-62.20	-198.39	50.32	305.80	13.01	274.80	44.01	90.09
1	8	185	-52.26	-235.30	-58.12	-229.44	32.23	186.33	-27.02	98.22	61.08	105.04
1	8	186	-53.40	-262.04	-53.94	-261.50	10.66	119.86	-205.44	-152.04	66.46	120.50
1	8	187	-49.10	-294.66	-49.98	-293.77	-14.69	97.98	-522.31	-490.61	66.28	136.59
1	8	188	-39.97	-331.93	-46.74	-325.17	-43.93	91.53	-937.63	-920.89	74.79	130.17

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	8	189	-35.94	-365.73	-47.06	-354.61	-59.52	92.68	-1168.38	-1157.88	82.18	114.57
1	8	190	72.90	-166.35	-134.79	41.33	80.97	-1357.08	-7763.27	-7747.84	-1372.52	314.10
1	8	191	63.59	-165.86	-137.64	35.37	75.36	-1272.05	-8767.68	-8757.41	-1282.32	277.23
1	8	192	81.90	-168.68	-129.47	42.70	91.04	-1450.74	-5880.47	-5854.90	-1476.31	335.54
1	8	193	86.07	-169.75	-123.11	39.43	98.77	-1411.34	-4298.44	-4265.77	-1444.01	305.38
1	8	194	85.87	-169.85	-116.06	32.09	104.21	-1298.53	-3050.02	-3004.55	-1344.00	278.53
1	8	195	82.00	-169.36	-108.77	21.40	107.51	-1125.62	-2087.68	-2015.79	-1197.51	252.98
1	8	196	75.16	-168.71	-101.61	8.06	108.91	-882.73	-1396.91	-1254.38	-1025.26	230.15
1	8	197	65.99	-168.23	-94.88	-7.35	108.63	-535.87	-986.63	-679.23	-843.27	209.93
1	8	198	54.97	-168.16	-88.75	-24.45	106.83	-178.99	-739.66	-254.88	-663.78	191.80
1	8	199	42.43	-168.67	-83.27	-42.97	103.61	99.95	-547.37	48.37	-495.80	175.29
1	8	200	28.62	-169.86	-78.42	-62.82	98.93	294.54	-385.76	254.46	-345.68	160.20
1	8	201	13.78	-171.84	-74.08	-83.98	92.68	415.73	-251.57	381.73	-217.57	146.74
1	8	202	-1.73	-174.89	-70.12	-106.49	84.65	474.43	-145.03	443.21	-113.81	135.52
1	8	203	-17.25	-179.55	-66.38	-130.42	74.57	478.39	-66.78	446.73	-35.12	127.50
1	8	204	-31.64	-186.86	-62.72	-155.78	62.11	432.29	-17.95	395.15	19.18	123.86
1	8	205	-43.23	-198.33	-59.05	-182.51	46.94	341.10	-3.39	286.49	51.22	125.82
1	8	206	-50.20	-215.54	-55.35	-210.39	28.73	226.09	-47.40	114.08	64.61	134.49
1	8	207	-51.46	-239.29	-51.74	-239.02	7.22	145.59	-213.91	-132.93	64.62	150.18
1	8	208	-47.03	-269.15	-48.45	-267.73	-17.71	110.59	-523.12	-470.04	57.51	175.55
1	8	209	-37.67	-303.84	-45.87	-295.63	-46.00	88.78	-934.61	-903.02	57.19	177.01
1	8	210	-33.42	-334.67	-46.32	-321.78	-60.98	83.07	-1166.27	-1142.86	59.66	169.41
1	8	211	61.53	-163.49	-133.07	31.11	76.94	-1350.38	-7675.91	-7675.78	-1350.51	28.71
1	8	212	50.69	-163.77	-136.03	22.95	71.98	-1263.50	-8671.99	-8671.35	-1264.14	-68.57
1	8	213	71.55	-164.72	-127.81	34.63	85.79	-1444.89	-5812.61	-5808.62	-1448.88	132.02
1	8	214	76.72	-164.70	-121.46	33.47	92.58	-1398.40	-4256.12	-4239.52	-1415.00	217.16
1	8	215	77.61	-163.84	-114.33	28.10	97.49	-1272.61	-3035.15	-2992.36	-1315.40	271.26
1	8	216	74.95	-162.58	-106.81	19.18	100.68	-1072.95	-2111.06	-2013.57	-1170.43	302.81
1	8	217	69.45	-161.36	-99.31	7.40	102.33	-787.43	-1472.09	-1259.45	-1000.07	316.81
1	8	218	61.74	-160.47	-92.13	-6.60	102.55	-431.11	-1078.63	-689.87	-819.88	317.17
1	8	219	52.26	-160.12	-85.50	-22.35	101.38	-96.89	-814.77	-269.76	-641.90	306.95
1	8	220	41.30	-160.35	-79.53	-39.52	98.82	161.50	-606.12	30.49	-475.11	288.80
1	8	221	29.03	-161.17	-74.23	-57.91	94.75	340.53	-431.42	234.99	-325.89	265.20
1	8	222	15.60	-162.58	-69.56	-77.42	89.00	450.17	-286.33	362.35	-198.51	238.68
1	8	223	1.23	-164.68	-65.41	-98.04	81.34	501.09	-170.70	425.84	-95.45	211.86
1	8	224	-13.55	-167.88	-61.66	-119.78	71.48	501.29	-85.49	433.53	-17.73	187.53
1	8	225	-27.75	-173.08	-58.19	-142.64	59.14	455.93	-32.50	388.37	35.05	168.62
1	8	226	-39.66	-181.82	-54.92	-166.55	44.01	370.17	-17.23	288.33	64.61	158.13
1	8	227	-47.18	-196.01	-51.82	-191.37	25.87	261.45	-60.92	126.37	74.16	159.06
1	8	228	-48.82	-216.91	-48.94	-216.79	4.55	174.76	-215.25	-109.17	68.67	173.55
1	8	229	-44.43	-244.33	-46.44	-242.33	-19.92	130.15	-510.96	-435.18	54.37	206.98
1	8	230	-34.95	-276.92	-44.60	-267.27	-47.35	94.17	-910.05	-860.88	45.00	216.70
1	8	231	-30.58	-305.47	-45.25	-290.80	-61.78	82.77	-1139.04	-1098.68	42.41	218.36
1	8	232	51.63	-158.72	-129.32	22.23	72.94	-1291.33	-7439.69	-7429.79	-1301.23	-246.52
1	8	233	39.18	-159.94	-132.48	11.72	68.65	-1197.80	-8416.60	-8393.99	-1220.41	-403.37
1	8	234	62.52	-158.68	-123.90	27.74	80.53	-1390.60	-5623.89	-5622.93	-1391.56	-63.63
1	8	235	68.41	-157.43	-117.33	28.31	86.31	-1348.69	-4112.82	-4106.41	-1355.10	132.96
1	8	236	70.06	-155.51	-109.91	24.45	90.59	-1214.70	-2943.60	-2901.90	-1256.40	265.23
1	8	237	68.30	-153.47	-102.05	16.89	93.59	-987.10	-2085.17	-1957.38	-1114.89	352.12
1	8	238	63.94	-151.74	-94.16	6.36	95.41	-664.21	-1515.92	-1230.64	-949.49	401.99
1	8	239	57.59	-150.62	-86.59	-6.44	96.09	-303.83	-1153.86	-682.74	-774.95	422.51
1	8	240	49.69	-150.22	-79.58	-20.95	95.56	9.04	-891.18	-279.47	-602.68	420.10
1	8	241	40.45	-150.49	-73.28	-36.76	93.71	242.70	-675.60	8.33	-441.22	400.37
1	8	242	29.94	-151.31	-67.75	-53.62	90.34	399.46	-491.63	204.51	-296.68	368.39
1	8	243	18.16	-152.51	-62.97	-71.38	85.23	490.61	-336.12	327.64	-173.15	328.90
1	8	244	5.21	-154.06	-58.86	-89.98	78.10	527.57	-209.68	390.98	-73.10	286.43
1	8	245	-8.58	-156.17	-55.34	-109.41	68.67	519.26	-114.25	402.69	2.32	245.49
1	8	246	-22.40	-159.58	-52.31	-129.67	56.64	471.78	-52.83	365.81	53.14	210.63
1	8	247	-34.65	-165.76	-49.67	-150.74	41.76	390.60	-31.75	278.33	80.52	186.58
1	8	248	-42.99	-176.92	-47.38	-172.53	23.85	289.72	-69.71	133.03	86.98	178.24
1	8	249	-45.36	-194.94	-45.41	-194.89	2.82	203.00	-208.77	-82.58	76.80	189.83
1	8	250	-41.29	-220.06	-43.84	-217.51	-21.21	153.64	-484.79	-387.10	55.95	229.83
1	8	251	-31.81	-250.94	-42.84	-239.91	-47.92	106.45	-862.57	-794.09	37.98	248.32
1	8	252	-27.41	-277.80	-43.77	-261.43	-61.88	91.55	-1085.15	-1024.05	30.45	261.07
1	8	253	43.21	-151.79	-123.35	14.77	68.83	-1180.99	-7058.39	-7014.50	-1224.88	-506.01
1	8	254	29.14	-154.12	-126.80	1.83	65.27	-1075.54	-8005.40	-7929.36	-1151.59	-721.92
1	8	255	54.75	-150.30	-117.62	22.07	75.05	-1289.27	-5318.18	-5303.05	-1304.40	-246.43
1	8	256	61.05	-147.69	-110.64	24.00	79.76	-1263.78	-3872.31	-3871.12	-1264.98	55.84
1	8	257	63.13	-144.68	-102.78	21.22	83.38	-1126.01	-2779.30	-2736.78	-1168.53	261.71
1	8	258	62.02	-141.91	-94.47	14.58	86.16	-869.69	-2013.50	-1849.79	-1033.40	400.56
1	8	259	58.63	-139.85	-86.17	4.95	88.16	-517.67	-1529.06	-1169.66	-877.07	484.07
1	8	260	53.64	-138.76	-78.24	-6.89	89.34	-161.86	-1210.20	-659.02	-713.04	523.48
1	8	261	47.41	-138.66	-70.97	-20.28	89.52	126.66	-963.17	-284.83	-551.68	528.33
1	8	262	40.06	-139.35	-64.51	-34.78	88.47	332.09	-751.49	-18.75	-400.65	507.03

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	8	263	31.53	-140.54	-58.94	-50.08	85.92	462.28	-565.14	162.48	-265.34	467.06
1	8	264	21.67	-141.92	-54.25	-66.00	81.58	530.58	-402.89	277.01	-149.32	415.22
1	8	265	10.40	-143.29	-50.40	-82.49	75.16	549.63	-266.54	337.86	-54.77	357.76
1	8	266	-2.13	-144.69	-47.32	-99.51	66.33	529.54	-159.28	353.10	17.16	300.67
1	8	267	-15.37	-146.64	-44.92	-117.09	54.83	477.63	-85.61	325.88	66.15	249.89
1	8	268	-27.91	-150.44	-43.11	-135.24	40.39	400.07	-53.02	254.40	92.65	211.62
1	8	269	-37.33	-158.48	-41.81	-154.00	22.86	308.14	-78.46	131.55	98.13	192.58
1	8	270	-40.91	-173.38	-40.95	-173.34	2.19	226.48	-196.38	-55.59	85.69	199.28
1	8	271	-37.53	-196.14	-40.48	-193.19	-21.44	178.12	-444.95	-327.28	60.45	243.86
1	8	272	-28.22	-225.56	-40.46	-213.33	-47.59	124.57	-791.10	-702.03	35.50	271.34
1	8	273	-23.87	-251.25	-41.76	-233.36	-61.22	109.66	-1003.03	-916.98	23.61	297.23
1	8	274	36.34	-142.36	-114.88	8.86	64.47	-1019.21	-6538.32	-6436.25	-1121.28	-743.58
1	8	275	20.81	-146.00	-118.69	-6.50	61.73	-896.00	-7445.02	-7282.91	-1058.11	-1017.53
1	8	276	48.22	-139.23	-108.72	17.71	69.20	-1140.99	-4901.87	-4856.28	-1186.58	-411.57
1	8	277	54.59	-135.19	-101.20	20.60	72.77	-1144.30	-3540.52	-3540.46	-1144.36	-11.90
1	8	278	56.76	-131.13	-92.78	18.41	75.73	-1007.14	-2548.04	-2502.54	-1052.65	260.86
1	8	279	56.06	-127.80	-83.96	12.22	78.34	-723.06	-1900.13	-1694.94	-928.25	446.56
1	8	280	53.57	-125.72	-75.26	3.11	80.63	-354.10	-1512.11	-1079.47	-786.74	560.20
1	8	281	49.99	-125.08	-67.07	-8.02	82.41	-13.83	-1246.70	-620.72	-639.81	616.36
1	8	282	45.62	-125.74	-59.67	-20.45	83.40	244.52	-1027.87	-287.10	-496.25	627.54
1	8	283	40.39	-127.30	-53.22	-33.68	83.27	417.53	-831.25	-51.44	-362.28	604.74
1	8	284	34.07	-129.27	-47.79	-47.40	81.67	517.88	-651.32	108.59	-242.03	557.69
1	8	285	26.36	-131.18	-43.38	-61.44	78.25	560.89	-488.63	210.36	-138.10	494.99
1	8	286	17.01	-132.70	-39.95	-75.73	72.68	560.35	-346.04	266.32	-52.01	424.32
1	8	287	5.97	-133.70	-37.46	-90.27	64.65	527.32	-227.76	284.27	15.29	352.77
1	8	288	-6.42	-134.49	-35.83	-105.08	53.86	470.20	-139.53	267.46	63.21	287.25
1	8	289	-19.12	-136.13	-34.99	-120.26	40.06	395.90	-89.99	214.53	91.38	235.01
1	8	290	-29.83	-140.93	-34.85	-135.91	23.07	313.96	-95.02	119.07	99.86	204.27
1	8	291	-35.20	-152.26	-35.27	-152.19	2.85	241.89	-183.47	-31.45	89.87	203.84
1	8	292	-33.05	-172.32	-36.11	-169.25	-20.42	201.05	-394.44	-258.14	64.76	250.18
1	8	293	-24.13	-200.35	-37.24	-187.25	-46.24	147.94	-696.07	-584.45	36.32	285.92
1	8	294	-19.89	-225.27	-39.02	-206.14	-59.69	138.19	-892.17	-775.35	21.37	326.68
1	8	295	31.21	-130.02	-103.49	4.68	59.77	-804.95	-5889.77	-5704.90	-989.82	-951.76
1	8	296	14.53	-135.17	-107.68	-12.95	57.96	-657.91	-6746.35	-6463.69	-940.57	-1281.05
1	8	297	43.01	-125.07	-96.83	14.76	62.85	-944.29	-4384.81	-4293.13	-1035.97	-554.09
1	8	298	49.00	-119.59	-88.69	18.09	65.23	-989.21	-3126.21	-3123.98	-991.44	-68.91
1	8	299	50.92	-114.63	-79.65	15.94	67.58	-857.65	-2257.50	-2206.88	-908.27	261.33
1	8	300	50.45	-111.11	-70.35	9.69	70.17	-551.04	-1748.66	-1498.66	-801.03	486.73
1	8	301	48.90	-109.54	-61.35	0.70	72.89	-182.21	-1464.59	-964.27	-682.53	625.53
1	8	302	46.95	-109.98	-53.05	-9.98	75.45	129.17	-1261.75	-570.61	-561.96	695.44
1	8	303	44.70	-111.98	-45.72	-21.57	77.40	349.31	-1082.90	-287.86	-445.73	711.74
1	8	304	41.85	-114.90	-39.48	-33.57	78.32	484.87	-912.97	-90.28	-337.82	687.87
1	8	305	37.94	-118.01	-34.37	-45.71	77.77	552.51	-749.80	43.11	-240.40	635.54
1	8	306	32.52	-120.72	-30.37	-57.83	75.38	569.23	-595.26	128.47	-154.49	564.79
1	8	307	25.23	-122.59	-27.48	-69.87	70.81	549.53	-452.82	177.30	-80.59	484.31
1	8	308	15.89	-123.41	-25.66	-81.86	63.73	504.88	-327.19	196.86	-19.17	401.77
1	8	309	4.59	-123.31	-24.87	-93.86	53.85	444.10	-224.66	190.40	29.04	324.50
1	8	310	-8.01	-123.04	-25.07	-105.98	40.88	374.44	-154.33	157.30	62.81	260.13
1	8	311	-20.00	-124.59	-26.16	-118.43	24.63	304.34	-131.25	92.59	80.50	217.71
1	8	312	-27.77	-131.73	-28.01	-131.49	4.98	246.51	-180.21	-14.42	80.72	207.99
1	8	313	-27.61	-148.33	-30.34	-145.61	-17.94	220.72	-340.87	-183.80	63.65	252.07
1	8	314	-19.41	-174.76	-32.84	-161.33	-43.66	177.02	-581.47	-442.52	38.08	293.39
1	8	315	-15.32	-199.13	-35.23	-179.22	-57.13	179.55	-755.12	-598.04	22.46	349.50
1	8	316	28.09	-114.24	-88.61	2.46	54.69	-536.78	-5128.47	-4836.30	-828.94	-1120.79
1	8	317	10.76	-121.15	-93.19	-17.20	53.91	-361.10	-5925.98	-5487.40	-799.69	-1499.44
1	8	318	39.25	-107.34	-81.40	13.31	55.95	-695.49	-3781.14	-3628.87	-847.76	-668.32
1	8	319	44.36	-100.53	-72.64	16.47	57.12	-794.06	-2642.04	-2634.88	-801.22	-114.81
1	8	320	45.66	-95.06	-63.06	13.65	58.99	-675.32	-1917.14	-1860.20	-732.26	259.74
1	8	321	45.38	-92.02	-53.41	6.78	61.76	-359.87	-1560.53	-1268.73	-651.68	514.98
1	8	322	45.04	-91.86	-44.33	-2.48	65.17	-14.09	-1383.65	-829.55	-568.18	672.19
1	8	323	45.12	-94.24	-36.21	-12.91	68.70	252.25	-1251.82	-512.23	-487.34	751.93
1	8	324	45.32	-98.29	-29.22	-23.75	71.75	424.20	-1124.91	-288.78	-411.92	772.10
1	8	325	45.02	-102.98	-23.43	-34.54	73.79	516.61	-994.41	-135.30	-342.50	748.38
1	8	326	43.57	-107.45	-18.81	-45.07	74.36	549.33	-860.31	-32.66	-278.32	694.03
1	8	327	40.45	-111.03	-15.34	-55.24	73.06	540.34	-725.02	33.54	-218.21	620.03
1	8	328	35.25	-113.30	-13.02	-65.03	69.58	504.17	-592.05	73.39	-161.27	535.41
1	8	329	27.72	-114.03	-11.85	-74.47	63.58	451.93	-465.93	93.27	-107.27	447.84
1	8	330	17.75	-113.22	-11.86	-83.61	54.78	391.96	-352.67	96.27	-56.98	364.35
1	8	331	5.65	-111.32	-13.05	-92.62	42.87	331.10	-260.88	82.60	-12.38	292.16
1	8	332	-7.32	-109.79	-15.38	-101.74	27.58	276.75	-204.10	49.52	23.13	240.06
1	8	333	-17.88	-112.19	-18.69	-111.38	8.70	238.83	-203.80	-9.87	44.91	219.61
1	8	334	-20.80	-124.08	-22.68	-122.21	-13.80	236.90	-299.63	-111.06	48.34	256.15
1	8	335	-13.87	-148.14	-26.79	-135.21	-39.61	214.42	-458.87	-280.65	36.19	297.04
1	8	336	-9.92	-171.80	-29.92	-151.80	-53.27	238.27	-601.08	-386.90	24.10	365.92

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	8	337	27.38	-94.44	-69.44	2.39	49.20	-214.48	-4275.58	-3855.75	-634.30	-1236.40
1	8	338	10.04	-103.47	-74.40	-19.02	49.54	-10.12	-5005.78	-4380.69	-635.20	-1652.87
1	8	339	37.24	-85.50	-61.73	13.46	48.51	-387.12	-3109.08	-2885.79	-610.40	-746.93
1	8	340	40.83	-77.68	-52.45	15.60	48.52	-547.52	-2106.32	-2091.62	-562.22	-150.66
1	8	341	41.28	-72.53	-42.53	11.28	50.14	-455.36	-1537.41	-1476.48	-516.29	249.43
1	8	342	41.54	-71.27	-32.91	3.17	53.45	-159.65	-1332.57	-1015.34	-476.88	521.01
1	8	343	43.07	-73.94	-24.21	-6.66	57.84	133.06	-1262.16	-682.40	-446.69	687.58
1	8	344	45.69	-79.36	-16.71	-16.96	62.53	334.81	-1210.02	-449.72	-425.49	772.32
1	8	345	48.51	-86.01	-10.46	-27.04	66.75	447.17	-1148.58	-291.22	-410.20	795.65
1	8	346	50.63	-92.61	-5.39	-36.59	69.90	491.30	-1072.92	-185.37	-396.26	774.97
1	8	347	51.41	-98.32	-1.41	-45.50	71.55	488.84	-983.53	-115.67	-379.02	724.31
1	8	348	50.37	-102.59	1.50	-53.72	71.32	457.58	-882.36	-70.13	-354.65	654.69
1	8	349	47.14	-105.11	3.31	-61.28	68.94	410.96	-772.09	-40.51	-320.63	574.70
1	8	350	41.44	-105.69	3.95	-68.20	64.11	358.65	-656.28	-21.64	-276.00	491.27
1	8	351	33.04	-104.25	3.32	-74.53	56.54	307.52	-539.90	-10.85	-221.52	410.41
1	8	352	21.92	-101.01	1.32	-80.41	45.91	263.00	-430.14	-7.31	-159.83	338.08
1	8	353	8.64	-96.81	-2.06	-86.10	31.85	231.15	-338.18	-11.21	-95.82	281.50
1	8	354	-4.51	-94.34	-6.75	-92.09	14.02	220.51	-281.68	-23.71	-37.46	251.00
1	8	355	-11.73	-99.87	-12.43	-99.17	-7.82	252.10	-298.38	-50.54	4.26	273.87
1	8	356	-7.15	-119.88	-18.39	-108.64	-33.77	266.36	-354.25	-109.55	21.65	303.29
1	8	357	-3.27	-141.92	-22.35	-122.84	-47.76	320.55	-450.95	-150.78	20.39	376.13
1	8	358	29.74	-69.98	-44.84	4.60	43.30	159.43	-3353.21	-2803.97	-389.81	-1275.78
1	8	359	13.18	-81.86	-50.20	-18.48	44.80	374.33	-4007.73	-3188.02	-445.38	-1708.83
1	8	360	37.52	-58.95	-36.69	15.26	40.65	-7.78	-2388.38	-2097.97	-298.19	-779.11
1	8	361	38.99	-51.00	-27.19	15.18	39.70	-224.76	-1545.49	-1520.45	-249.79	-180.12
1	8	362	38.95	-48.12	-17.49	8.33	41.57	-187.79	-1128.36	-1074.46	-241.69	218.61
1	8	363	40.96	-51.12	-8.66	-1.50	45.90	34.46	-1054.10	-751.79	-267.85	487.54
1	8	364	45.24	-58.45	-1.18	-12.03	51.56	233.77	-1086.10	-531.62	-320.70	651.45
1	8	365	50.44	-67.60	4.97	-22.13	57.44	347.85	-1124.46	-387.31	-389.30	736.15
1	8	366	55.36	-76.73	10.00	-31.37	62.72	390.10	-1146.53	-295.14	-461.30	763.81
1	8	367	59.26	-84.78	14.09	-39.61	66.83	384.62	-1147.01	-237.05	-525.34	752.13
1	8	368	61.68	-91.21	17.34	-46.88	69.38	352.14	-1124.53	-200.06	-572.34	714.49
1	8	369	62.29	-95.73	19.75	-53.19	70.09	307.90	-1078.83	-175.15	-595.77	660.70
1	8	370	60.80	-98.17	21.24	-58.61	68.73	262.32	-1010.34	-156.29	-591.73	597.93
1	8	371	56.91	-98.41	21.64	-63.14	65.07	222.13	-920.59	-139.73	-558.73	531.57
1	8	372	50.31	-96.37	20.74	-66.80	58.85	191.57	-812.76	-123.52	-497.67	466.02
1	8	373	40.70	-92.04	18.30	-69.64	49.72	173.79	-692.33	-106.68	-411.86	405.29
1	8	374	28.04	-85.72	14.18	-71.85	37.22	173.05	-567.97	-87.56	-307.36	353.84
1	8	375	13.35	-78.90	8.38	-73.93	20.82	197.15	-452.60	-60.98	-194.47	317.94
1	8	376	1.16	-76.80	1.16	-76.80	-8.79e-04	269.67	-377.99	-17.24	-91.08	321.72
1	8	377	1.31	-89.69	-6.75	-81.63	-25.86	337.57	-311.78	48.43	-22.64	322.72
1	8	378	5.25	-107.81	-11.48	-91.08	-40.14	423.81	-340.34	86.24	-2.77	379.48
1	8	379	36.91	-40.31	-12.68	9.28	37.02	568.14	-2370.82	-1747.86	-54.82	-1201.16
1	8	380	22.27	-57.10	-18.50	-16.34	39.67	754.56	-2924.05	-1982.44	-187.05	-1605.36
1	8	381	41.60	-27.55	-4.42	18.47	32.62	471.02	-1641.24	-1318.01	147.80	-760.44
1	8	382	41.30	-22.43	4.56	14.31	31.49	229.74	-1000.79	-959.82	188.77	-220.75
1	8	383	43.27	-26.40	12.74	4.13	34.57	149.79	-703.08	-680.20	126.91	137.79
1	8	384	48.36	-36.71	19.14	-7.49	40.39	195.16	-704.10	-496.66	-12.27	378.83
1	8	385	54.59	-49.08	24.00	-18.48	47.28	243.59	-829.71	-388.05	-198.06	528.17
1	8	386	60.74	-61.03	27.88	-28.17	54.05	248.77	-978.11	-328.38	-400.97	612.36
1	8	387	66.23	-71.48	31.19	-36.43	59.98	221.69	-1116.30	-298.07	-596.54	652.14
1	8	388	70.76	-79.95	34.13	-43.33	64.64	180.04	-1230.32	-283.82	-766.46	662.61
1	8	389	74.04	-86.30	36.72	-48.98	67.76	136.93	-1311.61	-276.74	-897.93	654.29
1	8	390	75.83	-90.46	38.86	-53.50	69.14	100.49	-1354.22	-270.99	-982.74	634.35
1	8	391	75.84	-92.41	40.37	-56.93	68.63	75.34	-1354.45	-262.79	-1016.32	607.56
1	8	392	73.77	-92.09	40.97	-59.29	66.06	63.99	-1311.03	-249.87	-997.17	577.11
1	8	393	69.22	-89.41	40.34	-60.53	61.22	67.85	-1225.48	-231.09	-926.53	545.23
1	8	394	61.74	-84.24	38.07	-60.58	53.80	88.15	-1102.56	-205.93	-808.48	513.50
1	8	395	50.76	-76.46	33.76	-59.46	43.28	127.34	-950.22	-172.72	-650.17	483.00
1	8	396	36.10	-66.35	27.18	-57.43	28.88	191.01	-777.29	-123.00	-463.28	453.27
1	8	397	19.90	-56.64	18.67	-55.41	9.62	303.83	-600.26	-28.70	-267.73	435.96
1	8	398	12.36	-58.36	8.73	-54.73	-15.61	425.16	-385.16	154.48	-114.47	382.19
1	8	399	15.87	-68.03	3.37	-55.54	-29.87	518.37	-289.54	275.44	-46.61	370.48
1	8	400	53.74	-7.10	30.75	15.89	29.50	921.14	-1289.27	-825.16	457.04	-900.26
1	8	401	43.22	-32.22	24.28	-13.28	32.71	896.66	-1665.67	-909.81	140.81	-1168.52
1	8	402	56.96	2.67	38.94	20.69	25.56	1092.59	-858.70	-643.89	877.79	-610.75
1	8	403	60.17	-3.09	45.45	11.64	26.74	915.27	-501.11	-460.32	874.48	-236.87
1	8	404	63.87	-17.13	48.31	-1.57	31.91	658.15	-323.26	-323.15	658.04	10.33
1	8	405	67.57	-32.81	49.13	-14.36	38.88	365.56	-314.18	-263.14	314.52	179.14
1	8	406	71.46	-47.36	49.49	-25.39	46.13	138.06	-469.72	-249.87	-81.79	292.04
1	8	407	75.63	-59.83	50.25	-34.44	52.86	14.20	-753.80	-260.68	-478.92	368.16
1	8	408	79.91	-69.95	51.62	-41.67	58.64	-56.36	-1067.30	-281.44	-842.23	420.56
1	8	409	83.99	-77.71	53.56	-47.28	63.21	-103.22	-1349.85	-303.57	-1149.50	457.84
1	8	410	87.54	-83.19	55.82	-51.47	66.41	-133.79	-1575.22	-321.86	-1387.15	485.51

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	8	411	90.21	-86.46	58.12	-54.38	68.11	-149.32	-1731.27	-333.15	-1547.44	506.98
1	8	412	91.63	-87.57	60.15	-56.09	68.19	-149.57	-1812.67	-335.60	-1626.64	524.19
1	8	413	91.45	-86.48	61.54	-56.57	66.53	-133.98	-1818.30	-328.29	-1623.99	538.07
1	8	414	89.26	-83.12	61.89	-55.75	63.00	-101.89	-1750.48	-311.06	-1541.30	548.72
1	8	415	84.54	-77.28	60.70	-53.44	57.36	-52.54	-1615.14	-284.43	-1383.25	555.50
1	8	416	76.47	-68.67	57.24	-49.43	49.21	14.91	-1422.44	-249.11	-1158.41	556.59
1	8	417	63.85	-56.90	50.57	-43.63	37.78	102.78	-1185.65	-201.21	-881.66	547.05
1	8	418	45.75	-42.00	40.07	-36.33	21.58	227.97	-913.20	-109.03	-576.20	520.59
1	8	419	27.36	-28.77	27.31	-28.71	-1.69	361.29	-570.22	104.17	-313.10	416.42
1	8	420	27.35	-21.45	21.85	-15.95	-15.43	434.64	-343.25	258.10	-166.71	325.83
1	8	421	106.08	16.80	98.28	24.60	25.21	969.20	-562.33	-370.98	777.85	-506.40
1	8	422	92.45	-15.39	84.36	-7.29	28.41	723.97	-800.89	-393.42	316.49	-674.76
1	8	423	112.48	20.25	106.62	26.12	22.51	1441.84	-404.34	-308.44	1345.94	-409.70
1	8	424	105.27	5.99	98.06	13.21	25.77	1355.47	-275.71	-221.92	1301.68	-291.30
1	8	425	97.05	-12.82	86.67	-2.45	32.13	1003.83	-187.96	-159.59	975.46	-181.67
1	8	426	92.07	-30.63	77.74	-16.31	39.40	510.49	-168.77	-157.93	499.66	-85.11
1	8	427	90.54	-45.88	72.26	-27.60	46.47	-25.10	-186.41	-186.39	-25.11	1.70
1	8	428	91.63	-58.28	69.82	-36.47	52.85	-207.19	-556.32	-227.34	-536.17	81.42
1	8	429	94.41	-67.94	69.72	-43.25	58.30	-237.69	-1027.27	-269.84	-995.13	156.04
1	8	430	98.09	-75.06	71.27	-48.24	62.64	-261.54	-1425.23	-307.59	-1379.18	226.86
1	8	431	102.00	-79.84	73.87	-51.72	65.75	-275.00	-1737.36	-336.99	-1675.36	294.64
1	8	432	105.57	-82.42	76.98	-53.82	67.51	-275.21	-1957.70	-356.01	-1876.90	359.75
1	8	433	108.34	-82.87	80.12	-54.65	67.82	-260.09	-2084.49	-363.62	-1980.95	422.10
1	8	434	109.89	-81.19	82.88	-54.18	66.57	-227.93	-2118.94	-359.52	-1987.35	481.17
1	8	435	109.85	-77.29	84.88	-52.31	63.64	-177.29	-2064.97	-344.05	-1898.21	535.71
1	8	436	107.82	-70.94	85.68	-48.81	58.88	-107.08	-1929.62	-318.26	-1718.43	583.35
1	8	437	103.14	-61.78	84.68	-43.31	52.00	-17.01	-1723.70	-283.41	-1457.30	619.43
1	8	438	94.31	-49.34	80.51	-35.53	42.34	89.02	-1462.29	-240.98	-1132.29	634.85
1	8	439	77.39	-33.28	69.62	-25.50	28.28	215.89	-1144.62	-158.30	-770.43	607.51
1	8	440	44.24	-15.96	43.53	-15.25	6.49	323.42	-732.73	40.46	-449.76	467.74
1	8	441	28.90	2.33	26.98	4.26	-6.88	367.10	-440.55	186.10	-259.54	336.78
1	16	1	23.48	-160.15	-14.63	-122.04	74.47	958.24	-1068.74	-225.63	115.14	999.06
1	16	2	23.37	-157.16	-14.33	-119.46	73.38	627.49	-892.65	-211.32	-53.84	755.98
1	16	3	21.71	-158.52	-19.75	-117.07	75.85	459.17	-1298.31	-717.89	-121.25	826.55
1	16	4	26.22	-161.06	-16.08	-118.75	78.31	761.25	-1559.90	-830.00	31.35	1077.71
1	16	5	21.84	-150.58	-13.79	-114.94	69.82	341.09	-603.36	-191.73	-70.54	468.32
1	16	6	14.70	-151.59	-24.31	-112.58	70.46	257.49	-881.92	-488.20	-136.23	541.84
1	16	7	18.79	-142.66	-13.27	-110.60	64.41	73.79	-305.74	-160.84	-71.11	184.39
1	16	8	9.77	-143.55	-25.43	-108.35	64.48	16.46	-459.82	-319.09	-124.26	217.30
1	16	9	14.98	-135.21	-12.88	-107.35	58.39	-49.73	-94.29	-92.51	-51.52	8.74
1	16	10	5.26	-135.94	-25.56	-105.13	58.32	-90.62	-202.07	-198.45	-94.24	19.76
1	16	11	10.80	-128.82	-12.65	-105.37	52.19	50.29	-134.64	-51.64	-32.71	-91.98
1	16	12	0.70	-129.33	-25.46	-103.18	52.12	14.36	-185.24	-108.81	-62.07	-97.02
1	16	13	6.41	-123.76	-12.57	-104.77	45.94	122.82	-159.42	-21.35	-15.25	-141.09
1	16	14	-3.99	-124.00	-25.39	-102.60	45.94	116.80	-193.51	-44.89	-31.81	-155.02
1	16	15	1.97	-120.25	-12.67	-105.60	39.69	153.33	-153.95	-4.57e-02	-0.57	-153.64
1	16	16	-8.77	-120.14	-25.47	-103.44	39.77	168.40	-173.92	0.32	-5.84	-171.13
1	16	17	-2.36	-118.50	-12.95	-107.91	33.43	153.88	-128.39	14.47	11.01	-141.12
1	16	18	-13.49	-117.99	-25.74	-105.75	33.61	181.60	-135.48	31.15	14.97	-158.33
1	16	19	-6.41	-118.75	-13.41	-111.76	27.15	133.81	-90.84	23.59	19.38	-112.30
1	16	20	-18.01	-117.81	-26.23	-109.59	27.44	167.40	-86.70	50.50	30.20	-126.64
1	16	21	-10.02	-121.28	-14.07	-117.24	20.83	100.60	-47.90	28.16	24.54	-74.23
1	16	22	-22.10	-119.90	-26.95	-115.05	21.24	134.78	-34.84	60.19	39.75	-84.19
1	16	23	-13.07	-126.33	-14.94	-124.46	14.43	60.54	-5.38	28.64	26.52	-32.94
1	16	24	-25.61	-124.57	-27.92	-122.25	14.96	91.37	13.43	61.18	43.62	-37.97
1	16	25	-15.50	-134.14	-16.03	-133.60	7.94	31.10	19.35	25.06	25.40	5.87
1	16	26	-28.43	-132.07	-29.15	-131.35	8.60	55.73	39.79	53.56	41.96	5.46
1	16	27	-17.37	-144.89	-17.39	-144.88	1.33	55.56	-17.18	17.08	21.29	36.31
1	16	28	-30.59	-142.62	-30.63	-142.58	2.11	75.10	-3.47	36.63	35.00	39.27
1	16	29	-18.82	-158.80	-19.03	-158.60	-5.40	61.00	-42.68	3.93	14.39	51.57
1	16	30	-32.18	-156.40	-32.34	-156.24	-4.52	72.17	-40.20	8.73	23.24	55.71
1	16	31	-20.06	-176.17	-21.03	-175.20	-12.26	39.00	-49.79	-15.85	5.06	43.15
1	16	32	-33.34	-173.69	-34.25	-172.77	-11.30	36.80	-62.24	-32.96	7.53	45.19
1	16	33	-21.33	-197.50	-23.45	-195.38	-19.20	-5.53	-43.51	-43.51	-5.53	3.24e-02
1	16	34	-34.12	-194.95	-36.22	-192.85	-18.26	-9.88	-93.57	-93.32	-10.13	-4.55
1	16	35	-22.98	-223.68	-26.43	-220.24	-26.09	48.17	-154.82	-90.15	-16.50	-94.58
1	16	36	-34.29	-221.07	-37.82	-217.54	-25.42	31.36	-234.27	-176.67	-26.23	-109.46
1	16	37	-25.59	-256.71	-30.25	-252.05	-32.46	205.15	-335.13	-116.56	-13.42	-265.18
1	16	38	-32.49	-253.70	-37.53	-248.65	-33.03	166.71	-492.16	-296.58	-28.86	-301.01
1	16	39	-29.74	-300.78	-35.41	-295.11	-38.79	394.39	-519.70	-133.31	7.99	-451.55
1	16	40	-20.98	-297.70	-28.30	-290.37	-44.42	302.48	-760.40	-454.16	-3.75	-481.36
1	16	41	-40.76	-388.25	-45.96	-383.05	-42.16	621.12	-637.36	-141.82	125.58	-614.88
1	16	42	-16.28	-358.72	-24.32	-350.67	-51.86	510.79	-933.01	-528.78	106.56	-648.25
1	16	43	9.42	-161.10	-39.79	-111.89	77.27	247.96	-1836.76	-1390.37	-198.42	855.18

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	16	44	9.07	-168.47	-41.96	-117.45	80.35	451.40	-2207.41	-1625.58	-130.42	1099.29
1	16	45	6.69	-150.93	-37.64	-106.60	70.87	97.33	-1289.47	-965.49	-226.65	586.80
1	16	46	2.43	-141.80	-37.12	-102.25	64.35	-93.22	-753.88	-641.71	-205.39	248.03
1	16	47	-1.98	-133.77	-36.69	-99.06	58.05	-156.44	-407.73	-401.01	-163.15	40.53
1	16	48	-6.58	-126.90	-36.31	-97.17	51.90	-66.63	-271.74	-223.93	-114.44	-86.72
1	16	49	-11.40	-121.31	-36.06	-96.64	45.85	71.90	-233.70	-95.24	-66.57	-152.13
1	16	50	-16.39	-117.12	-36.00	-97.52	39.88	159.27	-187.06	-3.82	-23.97	-172.87
1	16	51	-21.46	-114.53	-36.16	-99.84	33.94	198.95	-129.19	58.70	11.06	-162.33
1	16	52	-26.41	-113.81	-36.56	-103.66	28.00	202.31	-66.97	98.01	37.33	-131.18
1	16	53	-30.99	-115.29	-37.21	-109.07	22.03	179.74	-7.72	117.76	54.26	-88.19
1	16	54	-34.96	-119.34	-38.11	-116.19	15.99	141.00	40.56	119.85	61.71	-40.95
1	16	55	-38.12	-126.29	-39.23	-125.18	9.85	104.78	59.65	104.52	59.91	3.42
1	16	56	-40.41	-136.39	-40.54	-136.25	3.56	98.91	20.91	70.37	49.45	37.57
1	16	57	-41.89	-149.80	-41.96	-149.72	-2.93	76.78	-31.11	14.21	31.46	53.25
1	16	58	-42.57	-166.77	-43.33	-166.01	-9.70	25.37	-86.78	-69.35	7.93	40.64
1	16	59	-42.32	-187.72	-44.32	-185.72	-16.94	-16.57	-188.92	-188.01	-17.49	-12.51
1	16	60	-40.53	-213.45	-44.24	-209.74	-25.05	1.57	-392.94	-352.70	-38.67	-119.39
1	16	61	-35.43	-245.48	-41.58	-239.33	-35.42	100.07	-721.53	-577.53	-43.93	-312.37
1	16	62	-27.65	-287.26	-38.57	-276.33	-52.12	203.03	-1079.82	-868.84	-7.94	-475.54
1	16	63	-25.27	-322.54	-39.20	-308.62	-62.81	341.80	-1322.02	-1028.04	47.82	-634.59
1	16	64	-5.71e-02	-158.71	-52.73	-106.04	74.71	26.31	-2260.75	-1964.01	-270.43	768.51
1	16	65	-2.78	-168.41	-55.03	-116.16	76.97	131.39	-2684.84	-2296.20	-257.26	971.32
1	16	66	-1.26	-149.13	-49.91	-100.48	69.48	-73.87	-1592.23	-1370.94	-295.16	535.75
1	16	67	-4.08	-139.87	-47.78	-96.17	63.44	-186.41	-995.27	-915.41	-266.28	241.30
1	16	68	-7.87	-131.71	-46.47	-93.12	57.36	-210.50	-587.82	-579.05	-219.27	56.84
1	16	69	-12.19	-124.74	-45.59	-91.34	51.41	-144.23	-346.81	-328.36	-162.68	-58.29
1	16	70	-16.92	-118.98	-45.01	-90.90	45.58	-3.43	-246.41	-144.59	-105.24	-119.89
1	16	71	-21.98	-114.55	-44.70	-91.83	39.84	110.60	-176.12	-13.01	-52.50	-141.99
1	16	72	-27.24	-111.58	-44.65	-94.17	34.14	177.26	-107.93	77.37	-8.04	-136.05
1	16	73	-32.51	-110.34	-44.87	-97.98	28.45	204.11	-43.67	134.41	26.03	-111.41
1	16	74	-37.51	-111.18	-45.34	-103.34	22.72	201.02	10.79	163.24	48.57	-75.90
1	16	75	-41.87	-114.53	-46.04	-110.36	16.90	177.67	48.07	166.53	59.21	-36.32
1	16	76	-45.31	-120.82	-46.93	-119.20	10.94	144.71	58.17	144.70	58.18	0.92
1	16	77	-47.64	-130.34	-47.91	-130.07	4.76	109.49	32.80	95.87	46.42	29.31
1	16	78	-48.85	-143.27	-48.88	-143.24	-1.75	62.66	-21.27	15.73	25.65	41.67
1	16	79	-48.92	-159.77	-49.62	-159.08	-8.76	6.85	-110.70	-102.63	-1.22	29.73
1	16	80	-47.70	-180.15	-49.81	-178.04	-16.60	-28.62	-270.24	-269.13	-29.73	-16.32
1	16	81	-44.68	-204.98	-49.01	-200.65	-25.98	-28.36	-521.19	-496.59	-52.95	-107.32
1	16	82	-39.61	-235.13	-47.43	-227.32	-38.30	22.81	-894.06	-807.43	-63.82	-268.19
1	16	83	-32.45	-269.56	-45.93	-256.08	-54.90	89.45	-1339.62	-1212.98	-37.20	-406.13
1	16	84	-30.64	-300.66	-46.96	-284.33	-64.36	156.82	-1620.42	-1440.17	-23.43	-536.52
1	16	85	-6.36	-156.09	-60.86	-101.59	72.04	-150.84	-2640.39	-2441.80	-349.43	674.51
1	16	86	-9.24	-166.01	-62.84	-112.41	74.37	-71.91	-3087.22	-2838.93	-320.20	828.87
1	16	87	-7.10	-146.25	-58.44	-94.91	67.14	-213.76	-1878.81	-1722.41	-370.15	485.74
1	16	88	-9.18	-137.43	-56.16	-90.46	61.78	-273.05	-1221.25	-1159.79	-334.52	233.45
1	16	89	-12.33	-129.47	-54.36	-87.44	56.19	-267.31	-750.69	-739.43	-278.57	72.93
1	16	90	-16.24	-122.57	-53.05	-85.77	50.59	-209.03	-428.90	-424.96	-212.97	-29.17
1	16	91	-20.75	-116.79	-52.13	-85.41	45.05	-80.71	-258.33	-192.91	-146.12	-85.67
1	16	92	-25.72	-112.21	-51.53	-86.40	39.58	57.25	-167.27	-25.83	-84.19	-108.40
1	16	93	-31.04	-108.96	-51.23	-88.77	34.14	151.81	-93.78	89.46	-31.42	-106.89
1	16	94	-36.51	-107.26	-51.21	-92.56	28.70	203.41	-31.44	162.51	9.46	-89.07
1	16	95	-41.82	-107.45	-51.43	-97.84	23.20	220.36	16.20	199.67	36.89	-61.61
1	16	96	-46.56	-110.04	-51.87	-104.73	17.58	210.10	44.50	204.33	50.27	-30.37
1	16	97	-50.26	-115.55	-52.44	-113.37	11.74	177.05	49.85	177.05	49.85	-0.83
1	16	98	-52.62	-124.36	-53.06	-123.92	5.58	121.09	31.27	115.62	36.74	21.48
1	16	99	-53.57	-136.65	-53.58	-136.64	-1.05	44.57	-16.58	14.97	13.02	30.56
1	16	100	-53.11	-152.50	-53.82	-151.78	-8.41	-14.79	-136.29	-133.03	-18.05	19.63
1	16	101	-51.17	-172.02	-53.58	-169.62	-16.89	-50.46	-341.15	-339.85	-51.76	-19.38
1	16	102	-47.62	-195.47	-52.79	-190.31	-27.15	-65.47	-637.57	-621.23	-81.81	-95.29
1	16	103	-42.30	-222.82	-51.65	-213.46	-40.02	-46.19	-1056.54	-1001.95	-100.78	-228.42
1	16	104	-35.13	-253.52	-50.62	-238.03	-56.06	-7.49	-1570.26	-1493.11	-84.63	-338.54
1	16	105	-33.39	-281.61	-51.72	-263.27	-64.91	40.49	-1871.19	-1765.47	-65.23	-436.94
1	16	106	-9.86	-153.18	-66.06	-96.99	69.97	-283.57	-2949.38	-2821.42	-411.52	569.85
1	16	107	-12.21	-162.50	-67.71	-107.00	72.53	-231.08	-3417.99	-3265.22	-383.84	680.82
1	16	108	-10.79	-143.22	-64.04	-89.97	64.93	-325.20	-2118.47	-2010.91	-432.76	425.81
1	16	109	-12.59	-134.59	-61.96	-85.21	59.89	-345.23	-1414.04	-1365.69	-393.59	222.14
1	16	110	-15.32	-126.92	-60.09	-82.15	54.70	-317.28	-891.73	-877.58	-331.44	89.06
1	16	111	-18.86	-120.20	-58.56	-80.51	49.46	-258.16	-510.22	-510.20	-258.18	2.32
1	16	112	-23.09	-114.49	-57.36	-80.22	44.25	-155.74	-265.70	-238.01	-183.43	-47.73
1	16	113	-27.89	-109.85	-56.49	-81.25	39.07	1.69	-156.81	-41.24	-113.87	-70.44
1	16	114	-33.15	-106.41	-55.92	-83.63	33.91	125.08	-84.33	95.01	-54.26	-73.44
1	16	115	-38.69	-104.33	-55.63	-87.39	28.72	200.75	-26.85	181.69	-7.79	-63.05
1	16	116	-44.21	-103.93	-55.58	-92.57	23.44	235.51	14.27	226.11	23.68	-44.63
1	16	117	-49.26	-105.74	-55.72	-99.27	17.98	234.91	36.66	232.24	39.34	-22.86

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	16	118	-53.23	-110.36	-55.99	-107.61	12.23	200.85	39.37	200.82	39.40	-2.09
1	16	119	-55.68	-118.33	-56.27	-117.74	6.05	131.10	23.39	129.43	25.05	13.30
1	16	120	-56.44	-129.85	-56.45	-129.84	-0.75	25.34	-14.39	12.38	-1.43	18.62
1	16	121	-55.57	-144.88	-56.38	-144.07	-8.45	-35.99	-159.97	-159.37	-36.58	8.56
1	16	122	-53.14	-163.37	-55.96	-160.54	-17.42	-73.88	-400.39	-398.73	-75.54	-23.21
1	16	123	-49.12	-185.27	-55.21	-179.18	-28.15	-100.38	-734.16	-722.97	-111.57	-83.47
1	16	124	-43.45	-210.42	-54.29	-199.58	-41.15	-103.47	-1190.25	-1157.17	-136.55	-186.71
1	16	125	-36.03	-238.54	-53.49	-221.07	-56.84	-81.40	-1753.69	-1709.25	-125.84	-268.98
1	16	126	-34.03	-263.58	-54.49	-243.12	-65.41	-51.71	-2072.01	-2013.38	-110.34	-339.14
1	16	127	-11.38	-149.84	-69.24	-91.98	68.29	-382.98	-3182.74	-3105.43	-460.30	458.80
1	16	128	-13.15	-158.36	-70.66	-100.85	71.02	-346.33	-3667.60	-3580.67	-433.26	530.26
1	16	129	-12.65	-139.97	-67.47	-85.15	63.04	-408.86	-2303.17	-2232.31	-479.73	359.47
1	16	130	-14.44	-131.47	-65.60	-80.31	58.05	-400.61	-1566.37	-1528.30	-438.68	207.20
1	16	131	-16.97	-123.99	-63.77	-77.19	53.09	-355.29	-1007.04	-989.74	-372.60	104.78
1	16	132	-20.24	-117.44	-62.12	-75.56	48.13	-289.65	-586.16	-581.85	-293.96	35.48
1	16	133	-24.20	-111.83	-60.71	-75.32	43.20	-212.49	-279.22	-278.49	-213.22	-6.95
1	16	134	-28.78	-107.21	-59.59	-76.39	38.31	-48.99	-147.37	-58.57	-137.78	-29.17
1	16	135	-33.88	-103.66	-58.76	-78.77	33.42	101.86	-80.59	94.14	-72.87	-36.72
1	16	136	-39.36	-101.30	-58.19	-82.46	28.49	196.99	-27.38	191.63	-22.03	-34.24
1	16	137	-44.97	-100.41	-57.88	-87.50	23.43	244.81	9.77	241.99	12.59	-25.60
1	16	138	-50.23	-101.47	-57.76	-93.95	18.13	250.56	29.15	249.65	30.06	-14.17
1	16	139	-54.48	-105.19	-57.76	-101.91	12.46	215.57	30.44	215.51	30.49	-3.06
1	16	140	-57.07	-112.22	-57.79	-111.50	6.25	137.19	14.94	137.01	15.12	4.66
1	16	141	-57.74	-122.84	-57.75	-122.83	-0.71	9.42	-15.10	8.03	-13.71	5.67
1	16	142	-56.58	-136.95	-57.53	-136.00	-8.68	-52.21	-181.35	-181.24	-52.32	-3.76
1	16	143	-53.75	-154.35	-57.07	-151.03	-17.98	-93.31	-446.83	-444.58	-95.56	-28.09
1	16	144	-49.32	-174.84	-56.41	-167.76	-28.97	-128.49	-807.56	-799.89	-136.17	-71.80
1	16	145	-43.29	-198.21	-55.66	-185.83	-42.00	-146.97	-1289.90	-1271.35	-165.52	-144.43
1	16	146	-35.59	-224.19	-55.08	-204.70	-57.41	-137.51	-1887.52	-1864.54	-160.48	-199.18
1	16	147	-33.30	-246.44	-55.99	-223.75	-65.74	-119.20	-2218.58	-2189.81	-147.97	-244.07
1	16	148	-11.58	-146.05	-70.95	-86.68	66.78	-452.73	-3339.40	-3297.56	-494.57	345.02
1	16	149	-12.91	-153.89	-72.28	-94.52	69.60	-426.15	-3834.85	-3791.96	-469.04	379.96
1	16	150	-13.14	-136.36	-69.25	-80.26	61.36	-467.76	-2429.54	-2385.88	-511.42	289.39
1	16	151	-15.04	-127.94	-67.45	-75.53	56.31	-438.69	-1674.47	-1644.64	-468.52	189.66
1	16	152	-17.50	-120.56	-65.61	-72.44	51.42	-379.25	-1093.76	-1073.07	-399.94	119.82
1	16	153	-20.59	-114.13	-63.85	-70.87	46.64	-303.42	-652.42	-637.94	-317.91	69.61
1	16	154	-24.32	-108.63	-62.26	-70.69	41.94	-219.57	-326.93	-313.25	-233.26	35.80
1	16	155	-28.65	-104.06	-60.90	-71.82	37.31	-74.67	-156.51	-77.34	-153.84	14.52
1	16	156	-33.52	-100.47	-59.80	-74.19	32.69	86.87	-85.31	86.84	-85.27	2.41
1	16	157	-38.83	-97.95	-58.99	-77.80	28.02	192.03	-31.41	191.98	-31.36	-3.33
1	16	158	-44.38	-96.70	-58.43	-82.65	23.19	246.84	5.44	246.73	5.55	-5.02
1	16	159	-49.73	-97.13	-58.09	-88.78	18.06	255.99	24.27	255.90	24.37	-4.61
1	16	160	-54.20	-99.97	-57.90	-96.27	12.48	220.59	25.08	220.51	25.15	-3.86
1	16	161	-56.97	-106.01	-57.78	-105.20	6.27	138.09	8.95	137.93	9.10	-4.47
1	16	162	-57.64	-115.66	-57.65	-115.65	-0.79	4.40	-24.04	1.74	-21.39	-8.27
1	16	163	-56.30	-128.80	-57.42	-127.68	-8.94	-60.37	-200.49	-198.31	-62.54	-17.31
1	16	164	-53.18	-145.11	-57.04	-141.25	-18.45	-105.82	-479.63	-476.51	-108.95	-34.04
1	16	165	-48.43	-164.32	-56.55	-156.20	-29.58	-147.85	-856.11	-850.85	-153.11	-60.78
1	16	166	-42.10	-186.17	-56.04	-172.23	-42.60	-177.35	-1353.78	-1344.72	-186.41	-102.84
1	16	167	-34.20	-210.34	-55.73	-188.80	-57.70	-177.28	-1972.14	-1962.54	-186.88	-130.91
1	16	168	-31.69	-230.21	-56.64	-205.26	-65.81	-166.61	-2311.45	-2300.54	-177.52	-152.59
1	16	169	-10.94	-141.78	-71.50	-81.23	65.24	-496.35	-3419.35	-3400.93	-514.77	231.33
1	16	170	-12.03	-149.12	-72.83	-88.32	68.11	-475.68	-3919.45	-3903.79	-491.34	231.69
1	16	171	-12.68	-132.24	-69.69	-75.23	59.72	-504.18	-2496.32	-2472.10	-528.39	218.29
1	16	172	-14.70	-123.84	-67.80	-70.73	54.55	-460.36	-1737.00	-1713.66	-483.69	171.00
1	16	173	-17.16	-116.49	-65.84	-67.81	49.65	-389.00	-1150.61	-1126.07	-413.53	134.48
1	16	174	-20.16	-110.12	-63.90	-66.37	44.97	-300.93	-706.11	-677.25	-329.79	104.23
1	16	175	-23.69	-104.71	-62.09	-66.32	40.45	-198.76	-386.05	-341.58	-243.23	79.69
1	16	176	-27.76	-100.23	-60.48	-67.52	36.07	-61.72	-197.39	-97.29	-161.81	59.68
1	16	177	-32.33	-96.69	-59.13	-69.90	31.73	83.59	-101.93	72.98	-91.32	43.07
1	16	178	-37.35	-94.13	-58.08	-73.40	27.33	186.13	-39.48	182.35	-35.70	28.95
1	16	179	-42.67	-92.67	-57.32	-78.02	22.76	240.95	1.44	239.79	2.59	16.62
1	16	180	-47.94	-92.65	-56.81	-83.78	17.84	250.48	22.23	250.34	22.37	5.58
1	16	181	-52.50	-94.74	-56.52	-90.72	12.40	215.29	23.49	215.18	23.60	-4.53
1	16	182	-55.46	-99.79	-56.36	-98.90	6.24	133.19	5.84	131.64	7.39	-13.97
1	16	183	-56.24	-108.39	-56.26	-108.38	-0.85	9.20	-39.91	-6.81	-23.89	-23.02
1	16	184	-54.86	-120.48	-56.15	-119.20	-9.09	-59.71	-217.43	-210.65	-66.50	-32.00
1	16	185	-51.59	-135.71	-55.98	-131.32	-18.72	-110.56	-498.76	-494.31	-115.00	-41.31
1	16	186	-46.63	-153.74	-55.77	-144.60	-29.92	-158.30	-879.51	-875.84	-161.97	-51.28
1	16	187	-40.11	-174.27	-55.60	-158.78	-42.87	-195.52	-1381.58	-1378.17	-198.92	-63.44
1	16	188	-32.12	-196.91	-55.66	-173.38	-57.66	-202.42	-2008.27	-2005.88	-204.81	-65.59
1	16	189	-29.48	-214.85	-56.61	-187.72	-65.52	-196.71	-2351.26	-2349.29	-198.68	-65.12
1	16	190	-9.76	-136.94	-71.02	-75.69	63.55	-516.59	-3423.11	-3418.14	-521.55	120.07
1	16	191	-10.79	-144.03	-72.45	-82.37	66.44	-498.29	-3921.62	-3919.41	-500.49	86.86

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	16	192	-11.58	-127.44	-68.97	-70.04	57.93	-520.47	-2503.44	-2492.25	-531.66	148.53
1	16	193	-13.70	-118.99	-66.83	-65.86	52.64	-467.05	-1754.02	-1735.64	-485.43	152.70
1	16	194	-16.21	-111.61	-64.61	-63.21	47.69	-385.58	-1177.67	-1148.50	-414.76	149.19
1	16	195	-19.14	-105.27	-62.39	-62.02	43.07	-284.51	-745.96	-699.44	-331.03	138.94
1	16	196	-22.49	-99.96	-60.29	-62.16	38.72	-166.63	-441.28	-363.27	-244.65	123.86
1	16	197	-26.28	-95.62	-58.40	-63.50	34.58	-33.25	-248.57	-118.45	-163.37	105.29
1	16	198	-30.48	-92.22	-56.80	-65.90	30.53	91.03	-131.50	52.37	-92.84	84.31
1	16	199	-35.08	-89.75	-55.53	-69.31	26.45	180.01	-54.61	162.37	-36.97	61.86
1	16	200	-40.00	-88.28	-54.60	-73.67	22.18	227.35	-4.92	220.66	1.77	38.85
1	16	201	-44.97	-88.02	-54.00	-79.00	17.52	233.65	20.90	232.40	22.15	16.24
1	16	202	-49.46	-89.53	-53.68	-85.31	12.29	199.01	23.90	198.87	24.04	-4.94
1	16	203	-52.60	-93.64	-53.58	-92.66	6.27	122.34	3.58	117.48	8.44	-23.53
1	16	204	-53.62	-101.11	-53.63	-101.10	-0.75	17.93	-58.68	-18.25	-22.50	-38.24
1	16	205	-52.38	-112.05	-53.77	-110.66	-9.00	-51.64	-232.37	-218.79	-65.22	-47.65
1	16	206	-49.12	-126.15	-53.95	-121.32	-18.66	-108.12	-505.01	-498.57	-114.57	-50.16
1	16	207	-44.10	-143.05	-54.14	-133.01	-29.88	-160.67	-878.37	-875.64	-163.39	-44.15
1	16	208	-37.51	-162.41	-54.42	-145.50	-42.73	-202.84	-1373.64	-1372.99	-203.48	-27.53
1	16	209	-29.53	-183.80	-54.92	-158.41	-57.20	-214.44	-1996.48	-1996.47	-214.45	-4.39
1	16	210	-26.86	-200.26	-56.00	-171.12	-64.84	-211.28	-2338.40	-2338.25	-211.44	17.95
1	16	211	-8.23	-131.39	-69.55	-70.07	61.58	-515.50	-3351.35	-3351.29	-515.56	13.15
1	16	212	-9.33	-138.46	-71.14	-76.66	64.51	-496.05	-3841.77	-3840.93	-496.90	-53.23
1	16	213	-10.06	-121.77	-67.14	-64.70	55.84	-518.94	-2451.69	-2448.21	-522.43	81.96
1	16	214	-12.29	-113.19	-64.60	-60.88	50.42	-460.83	-1726.69	-1711.95	-475.57	135.80
1	16	215	-14.86	-105.75	-61.98	-58.62	45.41	-371.03	-1176.19	-1141.24	-405.99	164.08
1	16	216	-17.73	-99.45	-59.38	-57.80	40.85	-257.51	-772.01	-705.04	-324.48	173.12
1	16	217	-20.89	-94.28	-56.92	-58.25	36.69	-128.84	-490.62	-378.67	-240.79	167.24
1	16	218	-24.33	-90.17	-54.71	-59.78	32.82	-1.06	-302.13	-141.07	-162.11	150.17
1	16	219	-28.06	-87.05	-52.85	-62.25	29.12	103.88	-172.85	24.74	-93.71	125.05
1	16	220	-32.10	-84.85	-51.38	-65.57	25.41	173.73	-81.25	131.73	-39.25	94.58
1	16	221	-36.42	-83.57	-50.33	-69.66	21.50	206.97	-19.09	188.95	-1.07	61.22
1	16	222	-40.89	-83.30	-49.69	-74.51	17.19	205.59	15.59	201.58	19.60	27.30
1	16	223	-45.13	-84.43	-49.42	-80.14	12.26	171.13	22.41	170.98	22.56	-4.81
1	16	224	-48.37	-87.68	-49.47	-86.59	6.47	105.66	-2.34	94.72	8.60	-32.58
1	16	225	-49.78	-93.91	-49.79	-93.91	-0.39	26.71	-80.63	-33.48	-20.44	-53.27
1	16	226	-48.92	-103.52	-50.29	-102.15	-8.54	-39.40	-245.87	-223.84	-61.44	-63.75
1	16	227	-45.90	-116.37	-50.93	-111.34	-18.15	-100.41	-499.95	-490.58	-109.78	-60.48
1	16	228	-40.99	-132.14	-51.67	-121.45	-29.32	-156.62	-854.04	-851.76	-158.90	-39.83
1	16	229	-34.44	-150.45	-52.51	-132.38	-42.06	-200.97	-1330.76	-1330.74	-200.99	3.95
1	16	230	-26.55	-170.85	-53.54	-143.86	-56.27	-214.62	-1937.13	-1935.57	-216.18	51.80
1	16	231	-23.93	-186.25	-54.80	-155.38	-63.71	-211.44	-2272.93	-2268.43	-215.95	96.27
1	16	232	-6.41	-124.93	-67.03	-64.32	59.25	-494.62	-3205.23	-3202.38	-497.47	-87.87
1	16	233	-7.69	-132.22	-68.86	-71.05	62.26	-470.03	-3680.78	-3669.82	-481.00	-187.31
1	16	234	-8.28	-115.05	-64.15	-59.17	53.33	-501.85	-2342.78	-2342.57	-502.06	19.81
1	16	235	-10.62	-106.27	-61.09	-55.80	47.75	-444.33	-1657.13	-1645.01	-456.45	120.61
1	16	236	-13.26	-98.76	-57.95	-54.06	42.70	-348.49	-1148.27	-1106.19	-390.57	178.57
1	16	237	-16.06	-92.56	-54.87	-53.74	38.25	-224.64	-785.14	-695.37	-314.41	205.57
1	16	238	-18.96	-87.64	-51.99	-54.61	34.32	-90.93	-534.33	-388.60	-236.66	208.28
1	16	239	-21.95	-83.92	-49.45	-56.42	30.79	28.07	-357.38	-165.64	-163.66	192.72
1	16	240	-25.06	-81.28	-47.32	-59.01	27.49	114.83	-225.05	-10.20	-100.02	163.90
1	16	241	-28.35	-79.57	-45.68	-62.25	24.23	164.71	-123.39	90.26	-48.93	126.12
1	16	242	-31.90	-78.69	-44.54	-66.05	20.78	180.40	-48.40	144.49	-12.49	83.22
1	16	243	-35.67	-78.63	-43.90	-70.40	16.90	167.09	-1.29	157.61	8.19	38.81
1	16	244	-39.47	-79.56	-43.74	-75.29	12.37	131.16	12.72	131.05	12.83	-3.56
1	16	245	-42.76	-82.04	-44.02	-80.78	6.92	82.61	-18.04	62.61	1.96	-40.16
1	16	246	-44.69	-86.91	-44.69	-86.91	0.34	30.31	-106.94	-53.62	-23.01	-66.89
1	16	247	-44.50	-94.94	-45.67	-93.77	-7.60	-28.21	-258.78	-227.36	-59.63	-79.11
1	16	248	-41.99	-106.33	-46.89	-101.44	-17.06	-90.79	-485.70	-472.35	-104.14	-71.40
1	16	249	-37.38	-120.87	-48.28	-109.98	-28.13	-148.70	-808.63	-806.43	-150.90	-38.04
1	16	250	-30.99	-138.21	-49.79	-119.40	-40.77	-191.90	-1254.33	-1253.44	-192.79	30.72
1	16	251	-23.23	-157.83	-51.44	-129.63	-54.78	-204.10	-1830.69	-1824.21	-210.57	102.42
1	16	252	-20.71	-172.54	-52.95	-140.30	-62.09	-197.71	-2154.92	-2140.13	-212.50	169.51
1	16	253	-4.31	-117.33	-63.33	-58.31	56.46	-455.01	-2987.07	-2973.95	-468.13	-181.80
1	16	254	-5.78	-125.02	-65.45	-65.34	59.62	-420.37	-3440.68	-3407.70	-453.35	-313.91
1	16	255	-6.30	-107.02	-59.89	-53.43	50.26	-471.46	-2179.80	-2178.97	-472.29	-37.58
1	16	256	-8.81	-98.01	-56.21	-50.62	44.51	-420.99	-1548.54	-1538.43	-431.11	106.33
1	16	257	-11.51	-90.51	-52.45	-49.57	39.47	-322.59	-1096.62	-1046.22	-372.99	190.98
1	16	258	-14.18	-84.56	-48.83	-49.91	35.18	-192.44	-786.53	-672.39	-306.59	234.06
1	16	259	-16.70	-80.11	-45.50	-51.31	31.57	-60.06	-573.30	-394.20	-239.16	244.63
1	16	260	-19.06	-77.04	-42.60	-53.50	28.48	46.65	-415.16	-192.69	-175.82	230.75
1	16	261	-21.34	-75.14	-40.23	-56.25	25.68	115.52	-288.31	-52.55	-120.24	199.06
1	16	262	-23.69	-74.17	-38.44	-59.43	22.95	146.74	-183.66	38.04	-74.97	155.23
1	16	263	-26.28	-73.91	-37.24	-62.95	20.05	145.56	-99.78	87.45	-41.67	104.30
1	16	264	-29.22	-74.20	-36.66	-66.76	16.71	119.07	-39.77	100.59	-21.29	50.93
1	16	265	-32.47	-75.07	-36.66	-70.88	12.68	78.95	-14.13	78.95	-14.13	-0.32

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	16	266	-35.72	-76.84	-37.21	-75.35	7.70	49.43	-48.77	20.60	-19.94	-44.72
1	16	267	-38.23	-80.29	-38.28	-80.23	1.52	21.07	-138.76	-79.82	-37.87	-77.11
1	16	268	-39.01	-86.43	-39.80	-85.64	-6.08	-25.61	-271.99	-231.26	-66.35	-91.53
1	16	269	-37.39	-96.01	-41.69	-91.71	-15.28	-84.72	-464.60	-446.53	-102.79	-80.87
1	16	270	-33.34	-109.12	-43.84	-98.61	-26.18	-140.65	-745.10	-742.79	-142.96	-37.26
1	16	271	-27.21	-125.44	-46.14	-106.52	-38.74	-177.98	-1146.89	-1143.93	-180.94	53.43
1	16	272	-19.58	-144.47	-48.49	-115.56	-52.68	-183.87	-1678.43	-1663.75	-198.54	147.37
1	16	273	-17.18	-158.78	-50.31	-125.65	-59.94	-169.99	-1985.17	-1953.60	-201.57	237.31
1	16	274	-1.86	-108.29	-58.25	-51.90	53.12	-397.24	-2701.56	-2670.00	-428.80	-267.81
1	16	275	-3.41	-116.51	-60.71	-59.21	56.54	-346.31	-3126.02	-3057.44	-414.89	-431.19
1	16	276	-4.14	-97.45	-54.16	-47.43	46.53	-430.02	-1968.11	-1962.72	-435.42	-90.94
1	16	277	-6.90	-88.26	-49.77	-45.39	40.62	-395.40	-1405.35	-1397.14	-403.60	90.68
1	16	278	-9.63	-80.94	-45.35	-45.22	35.66	-300.09	-1024.11	-965.09	-359.11	198.11
1	16	279	-12.02	-75.53	-41.16	-46.39	31.64	-169.76	-777.32	-638.51	-308.57	255.08
1	16	280	-13.93	-71.93	-37.39	-48.46	28.46	-45.38	-608.61	-396.74	-257.26	272.84
1	16	281	-15.39	-69.89	-34.18	-51.10	25.90	45.61	-476.94	-222.61	-208.72	261.19
1	16	282	-16.60	-69.07	-31.60	-54.07	23.71	96.48	-364.03	-102.12	-165.44	228.07
1	16	283	-17.84	-69.07	-29.70	-57.21	21.61	111.01	-264.42	-24.33	-129.08	180.26
1	16	284	-19.38	-69.55	-28.50	-60.43	19.34	96.26	-178.44	18.56	-100.74	123.72
1	16	285	-21.44	-70.25	-27.99	-63.70	16.63	60.15	-109.99	31.20	-81.03	63.94
1	16	286	-24.10	-71.09	-28.17	-67.02	13.21	15.52	-70.70	15.08	-70.25	6.20
1	16	287	-27.21	-72.23	-29.01	-70.43	8.82	-2.15	-97.73	-31.43	-68.45	-44.06
1	16	288	-30.27	-74.24	-30.50	-74.01	3.19	-11.15	-177.28	-113.02	-75.41	-80.90
1	16	289	-32.24	-78.23	-32.58	-77.89	-3.93	-42.04	-286.13	-237.55	-90.61	-97.45
1	16	290	-31.95	-85.50	-35.18	-82.27	-12.75	-90.67	-438.67	-416.36	-112.98	-85.24
1	16	291	-28.81	-96.75	-38.15	-87.42	-23.39	-137.98	-667.25	-665.01	-140.23	-34.37
1	16	292	-23.11	-111.89	-41.34	-93.67	-35.86	-161.99	-1012.87	-1006.38	-168.49	74.04
1	16	293	-15.56	-130.40	-44.50	-101.46	-49.86	-154.66	-1483.56	-1456.65	-181.57	187.19
1	16	294	-13.24	-144.50	-46.69	-111.05	-57.19	-127.46	-1766.54	-1709.94	-184.06	299.28
1	16	295	1.09	-97.47	-51.48	-44.89	49.17	-321.02	-2357.85	-2297.43	-381.43	-345.55
1	16	296	-0.34	-106.23	-54.31	-52.26	52.93	-246.16	-2745.91	-2624.85	-367.23	-536.63
1	16	297	-1.74	-86.09	-46.68	-41.15	42.08	-379.32	-1716.89	-1701.55	-394.66	-142.44
1	16	298	-4.81	-76.92	-41.55	-40.18	36.05	-373.58	-1233.35	-1227.69	-379.24	69.48
1	16	299	-7.46	-70.16	-36.49	-41.13	31.26	-290.51	-933.22	-867.35	-356.38	194.93
1	16	300	-9.29	-65.80	-31.78	-43.31	27.66	-167.83	-758.31	-596.37	-329.77	263.44
1	16	301	-10.21	-63.61	-27.65	-46.17	25.04	-57.78	-641.69	-397.34	-302.13	288.05
1	16	302	-10.43	-63.10	-24.20	-49.34	23.14	14.75	-545.21	-255.40	-275.06	279.81
1	16	303	-10.38	-63.66	-21.49	-52.55	21.65	47.95	-455.61	-158.10	-249.56	247.59
1	16	304	-10.47	-64.74	-19.55	-55.65	20.26	48.55	-370.25	-95.54	-226.16	198.95
1	16	305	-11.02	-65.93	-18.38	-58.58	18.70	25.12	-290.84	-60.59	-205.12	140.48
1	16	306	-12.27	-66.98	-17.96	-61.29	16.70	-13.65	-221.94	-48.98	-186.61	78.17
1	16	307	-14.35	-67.75	-18.30	-63.80	13.98	-56.53	-173.59	-59.27	-170.85	17.70
1	16	308	-17.24	-68.30	-19.40	-66.14	10.28	-77.51	-173.48	-92.81	-158.19	-35.13
1	16	309	-20.67	-68.97	-21.27	-68.38	5.33	-77.28	-225.42	-153.55	-149.15	-74.04
1	16	310	-23.84	-70.70	-23.87	-70.67	-1.16	-90.90	-301.53	-248.02	-144.40	-91.69
1	16	311	-25.29	-75.11	-27.14	-73.25	-9.44	-121.13	-408.96	-385.45	-144.63	-78.82
1	16	312	-23.62	-83.81	-30.96	-76.47	-19.70	-148.78	-579.86	-578.52	-150.12	-23.98
1	16	313	-18.61	-97.33	-35.09	-80.85	-32.02	-146.83	-860.35	-847.07	-160.11	96.43
1	16	314	-11.08	-115.21	-39.17	-87.12	-46.21	-116.46	-1253.44	-1207.72	-162.18	223.36
1	16	315	-8.72	-129.12	-41.78	-96.06	-53.73	-67.98	-1506.19	-1412.51	-161.67	354.91
1	16	316	4.71	-84.50	-42.63	-37.16	44.52	-224.41	-1972.95	-1868.07	-329.29	-415.19
1	16	317	3.81	-93.61	-45.81	-43.99	48.70	-117.38	-2317.17	-2121.26	-313.29	-626.56
1	16	318	1.05	-72.79	-37.09	-34.64	36.90	-319.15	-1441.96	-1406.63	-354.48	-196.02
1	16	319	-2.29	-64.09	-31.28	-35.10	30.84	-362.70	-1040.38	-1038.43	-364.65	36.31
1	16	320	-4.54	-58.58	-25.68	-37.44	26.37	-306.60	-825.35	-758.16	-373.79	174.18
1	16	321	-5.28	-56.14	-20.60	-40.82	23.33	-199.60	-730.47	-548.58	-381.48	251.94
1	16	322	-4.73	-56.10	-16.25	-44.58	21.43	-108.31	-675.65	-396.72	-387.24	283.63
1	16	323	-3.52	-57.50	-12.71	-48.31	20.29	-55.07	-625.64	-290.40	-390.31	280.88
1	16	324	-2.26	-59.50	-10.01	-51.76	19.58	-37.15	-571.44	-218.82	-389.77	253.10
1	16	325	-1.39	-61.55	-8.11	-54.82	18.95	-45.35	-512.45	-173.20	-384.60	208.26
1	16	326	-1.16	-63.29	-7.01	-57.44	18.14	-69.99	-451.18	-147.21	-373.96	153.21
1	16	327	-1.75	-64.53	-6.68	-59.60	16.88	-102.41	-392.06	-137.09	-357.38	94.03
1	16	328	-3.30	-65.15	-7.13	-61.31	14.92	-134.93	-341.58	-141.55	-334.96	36.39
1	16	329	-5.87	-65.12	-8.41	-62.58	12.00	-160.34	-308.76	-161.67	-307.43	-14.00
1	16	330	-9.40	-64.62	-10.54	-63.48	7.85	-175.04	-301.80	-200.70	-276.13	-50.94
1	16	331	-13.45	-64.23	-13.54	-64.14	2.15	-185.40	-321.39	-263.73	-243.06	-67.21
1	16	332	-16.77	-65.42	-17.38	-64.81	-5.42	-193.42	-374.88	-357.38	-210.92	-53.56
1	16	333	-17.26	-70.61	-21.96	-65.91	-15.12	-183.00	-490.03	-490.02	-183.02	2.05
1	16	334	-13.49	-81.63	-27.03	-68.09	-27.18	-133.17	-705.06	-675.28	-162.95	127.07
1	16	335	-6.00	-98.45	-32.10	-72.34	-41.62	-66.84	-1004.00	-926.07	-144.76	258.76
1	16	336	-3.34	-111.90	-35.15	-80.08	-49.41	12.73	-1219.63	-1069.26	-137.64	403.36
1	16	337	9.24	-69.11	-31.19	-28.68	39.15	-102.11	-1576.97	-1401.65	-277.44	-477.33
1	16	338	9.48	-78.02	-34.65	-33.89	43.75	42.31	-1867.67	-1567.64	-257.72	-695.02
1	16	339	4.61	-57.62	-25.00	-28.01	31.08	-242.01	-1171.47	-1093.57	-319.91	-257.56

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	16	340	1.31	-50.30	-18.69	-30.30	25.14	-366.27	-840.21	-839.54	-366.95	-17.83
1	16	341	0.20	-47.31	-12.79	-34.32	21.18	-364.22	-699.97	-643.08	-421.11	125.96
1	16	342	1.25	-47.91	-7.59	-39.07	18.87	-275.81	-698.05	-497.45	-476.41	210.86
1	16	343	3.45	-50.51	-3.27	-43.79	17.82	-202.37	-720.90	-394.93	-528.34	250.54
1	16	344	5.83	-53.78	0.13	-48.08	17.53	-164.74	-734.26	-325.97	-573.03	256.57
1	16	345	7.87	-56.95	2.66	-51.74	17.63	-155.40	-732.83	-281.30	-606.93	238.43
1	16	346	9.32	-59.65	4.39	-54.72	17.76	-163.50	-716.77	-253.36	-626.91	204.06
1	16	347	10.04	-61.68	5.39	-57.02	17.67	-179.99	-687.52	-236.82	-630.68	160.04
1	16	348	9.94	-62.93	5.65	-58.65	17.14	-198.56	-647.01	-228.55	-617.02	112.01
1	16	349	8.88	-63.30	5.17	-59.59	15.95	-216.04	-597.34	-227.49	-585.89	65.09
1	16	350	6.75	-62.73	3.87	-59.85	13.86	-232.58	-540.41	-234.53	-538.46	24.41
1	16	351	3.45	-61.23	1.67	-59.44	10.59	-252.16	-477.23	-252.24	-477.14	-4.42
1	16	352	-0.93	-59.05	-1.52	-58.46	5.82	-282.64	-407.27	-284.45	-405.47	-14.90
1	16	353	-5.69	-57.15	-5.71	-57.13	-0.84	-328.10	-335.34	-335.11	-328.34	1.28
1	16	354	-8.80	-57.96	-10.84	-55.93	-9.78	-234.92	-424.82	-407.16	-252.57	55.14
1	16	355	-7.23	-65.02	-16.69	-55.56	-21.38	-109.18	-582.32	-504.10	-187.40	175.76
1	16	356	-7.15e-02	-79.78	-22.76	-57.09	-35.97	3.78	-768.74	-627.93	-137.03	298.25
1	16	357	3.31	-91.94	-26.22	-62.40	-44.06	121.77	-936.33	-696.78	-117.79	442.81
1	16	358	15.03	-51.35	-16.65	-19.67	33.15	55.82	-1216.93	-930.38	-230.74	-531.60
1	16	359	17.06	-58.97	-20.19	-21.73	38.01	226.36	-1437.29	-1001.74	-209.20	-731.37
1	16	360	9.80	-41.21	-10.03	-21.39	24.86	-124.41	-952.52	-783.81	-293.11	-333.54
1	16	361	7.50	-37.00	-3.58	-25.93	19.24	-353.37	-680.64	-643.22	-390.79	-104.15
1	16	362	8.56	-38.29	2.27	-31.99	15.98	-478.24	-556.62	-527.91	-506.95	37.77
1	16	363	11.49	-42.53	7.20	-38.24	14.62	-379.29	-693.31	-444.78	-627.81	127.58
1	16	364	14.69	-47.49	11.10	-43.89	14.52	-317.57	-816.98	-391.08	-743.47	176.94
1	16	365	17.49	-52.10	14.04	-48.65	15.10	-289.46	-914.93	-358.99	-845.39	196.62
1	16	366	19.70	-55.96	16.18	-52.44	15.95	-281.30	-985.53	-340.61	-926.22	195.58
1	16	367	21.30	-58.96	17.63	-55.30	16.75	-282.85	-1027.18	-329.82	-980.21	180.99
1	16	368	22.25	-61.03	18.48	-57.26	17.30	-287.44	-1038.50	-322.51	-1003.44	158.44
1	16	369	22.49	-62.12	18.74	-58.37	17.41	-291.35	-1018.87	-316.32	-993.90	132.45
1	16	370	21.92	-62.17	18.36	-58.62	16.92	-293.10	-968.86	-310.48	-951.48	106.97
1	16	371	20.36	-61.08	17.24	-57.96	15.63	-293.04	-890.52	-305.67	-877.89	85.95
1	16	372	17.64	-58.75	15.24	-56.36	13.31	-292.64	-788.03	-303.89	-776.78	73.81
1	16	373	13.56	-55.17	12.19	-53.81	9.59	-292.13	-669.55	-308.02	-653.66	75.80
1	16	374	8.25	-50.73	7.98	-50.45	4.03	-279.34	-556.91	-320.14	-516.10	98.29
1	16	375	2.93	-47.04	2.62	-46.73	-3.93	-205.96	-506.57	-337.86	-374.67	149.17
1	16	376	1.20	-48.39	-3.71	-43.48	-14.81	-38.27	-558.52	-351.05	-245.74	254.74
1	16	377	7.00	-59.21	-10.61	-41.60	-29.26	115.12	-607.07	-341.27	-150.67	348.29
1	16	378	11.68	-68.39	-14.28	-42.43	-37.48	260.26	-702.09	-327.78	-114.05	469.15
1	16	379	22.72	-31.98	1.28	-10.54	26.70	263.33	-944.17	-503.35	-177.49	-581.35
1	16	380	26.50	-36.87	-2.11	-8.26	31.54	414.76	-1048.57	-484.76	-149.04	-712.15
1	16	381	18.37	-25.20	8.03	-14.87	18.53	76.21	-844.65	-505.69	-262.75	-444.11
1	16	382	18.66	-26.81	14.22	-22.37	13.50	-198.49	-699.30	-464.59	-433.20	-249.92
1	16	383	21.95	-33.17	19.51	-30.74	11.32	-366.97	-689.30	-419.17	-637.10	-118.75
1	16	384	25.46	-40.35	23.54	-38.43	11.10	-391.32	-852.61	-392.67	-851.26	-24.98
1	16	385	28.38	-46.79	26.44	-44.85	11.95	-381.45	-1058.59	-383.71	-1056.33	39.05
1	16	386	30.71	-52.10	28.52	-49.92	13.26	-377.09	-1244.51	-384.94	-1236.67	82.10
1	16	387	32.54	-56.23	30.04	-53.73	14.68	-377.63	-1392.68	-389.95	-1380.36	111.14
1	16	388	33.96	-59.23	31.14	-56.40	15.97	-378.66	-1494.76	-394.33	-1479.09	131.33
1	16	389	34.96	-61.14	31.85	-58.04	16.98	-376.69	-1546.29	-395.29	-1527.69	146.32
1	16	390	35.47	-61.96	32.18	-58.68	17.59	-369.45	-1545.49	-391.30	-1523.64	158.80
1	16	391	35.39	-61.64	32.06	-58.31	17.66	-355.59	-1493.08	-381.89	-1466.78	170.96
1	16	392	34.56	-60.06	31.37	-56.88	17.08	-334.16	-1392.68	-367.53	-1359.31	184.94
1	16	393	32.74	-57.06	29.93	-54.25	15.63	-303.88	-1251.76	-349.67	-1205.97	203.24
1	16	394	29.60	-52.44	27.48	-50.32	13.03	-261.09	-1084.01	-330.63	-1014.47	228.89
1	16	395	24.81	-46.14	23.70	-45.03	8.79	-194.92	-913.07	-312.14	-795.85	265.41
1	16	396	18.53	-38.72	18.45	-38.64	2.16	-83.62	-771.47	-289.58	-565.52	315.04
1	16	397	13.30	-33.33	11.98	-32.01	-7.72	105.25	-688.35	-237.47	-345.63	393.10
1	16	398	15.57	-37.51	4.47	-26.41	-21.59	279.60	-575.45	-109.28	-186.57	425.78
1	16	399	21.67	-41.25	0.86	-20.44	-29.60	405.31	-539.97	-17.86	-116.80	470.04
1	16	400	32.88	-12.18	22.27	-1.57	19.12	378.50	-709.74	-231.92	-99.32	-540.06
1	16	401	36.26	-13.21	18.94	4.12	23.60	441.72	-692.62	-165.93	-84.97	-565.72
1	16	402	33.01	-13.03	29.54	-9.56	12.15	249.98	-750.59	-308.29	-192.31	-496.91
1	16	403	36.78	-21.69	35.40	-20.30	8.89	-11.62	-770.52	-317.68	-464.46	-372.28
1	16	404	39.85	-31.68	38.87	-30.70	8.29	-193.87	-922.00	-316.87	-799.00	-272.82
1	16	405	41.78	-40.49	40.76	-39.47	9.11	-290.99	-1190.60	-332.67	-1148.92	-189.11
1	16	406	43.15	-47.63	41.91	-46.38	10.56	-345.44	-1490.43	-357.71	-1478.16	-117.89
1	16	407	44.34	-53.17	42.79	-51.61	12.23	-382.02	-1764.95	-384.21	-1762.76	-54.92
1	16	408	45.49	-57.28	43.58	-55.37	13.89	-407.07	-1987.31	-407.07	-1987.31	2.88
1	16	409	46.60	-60.12	44.33	-57.85	15.40	-421.31	-2144.28	-423.23	-2142.36	57.48
1	16	410	47.58	-61.77	44.99	-59.17	16.65	-424.20	-2229.33	-430.94	-2222.59	110.07
1	16	411	48.36	-62.26	45.50	-59.40	17.55	-414.95	-2239.94	-429.32	-2225.57	161.30
1	16	412	48.80	-61.54	45.78	-58.52	18.01	-392.75	-2176.70	-418.20	-2151.26	211.52
1	16	413	48.79	-59.50	45.74	-56.44	17.92	-356.64	-2043.34	-398.03	-2001.95	260.97

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	16	414	48.14	-55.92	45.23	-53.01	17.16	-305.13	-1847.72	-370.11	-1782.75	309.84
1	16	415	46.53	-50.53	43.98	-47.98	15.53	-235.36	-1604.14	-336.71	-1502.78	358.41
1	16	416	43.42	-43.02	41.52	-41.11	12.69	-141.55	-1336.65	-301.21	-1176.99	406.60
1	16	417	37.98	-33.23	37.08	-32.33	7.95	-13.56	-1079.65	-264.05	-829.16	451.99
1	16	418	30.07	-22.10	30.07	-22.10	0.13	169.07	-860.28	-197.77	-493.44	492.98
1	16	419	25.41	-15.92	21.43	-11.94	-12.19	317.03	-614.12	-38.10	-258.99	452.29
1	16	420	31.10	-11.50	18.04	1.56	-19.64	384.11	-453.69	78.96	-148.54	403.16
1	16	421	52.63	7.58e-03	48.04	4.60	14.85	386.54	-560.61	-124.99	-49.08	-472.05
1	16	422	47.81	0.83	38.05	10.58	19.05	373.75	-487.19	-56.72	-56.72	-430.47
1	16	423	61.46	-6.39	60.26	-5.19	8.94	354.73	-710.09	-217.15	-138.20	-530.95
1	16	424	61.94	-18.64	61.32	-18.02	7.05	152.32	-872.37	-249.60	-470.44	-500.31
1	16	425	59.89	-30.36	59.29	-29.76	7.37	-40.39	-1112.54	-268.47	-884.46	-438.77
1	16	426	58.09	-39.98	57.33	-39.21	8.62	-185.55	-1432.44	-302.83	-1315.16	-363.98
1	16	427	57.21	-47.45	56.21	-46.45	10.23	-285.99	-1771.91	-341.66	-1716.24	-282.19
1	16	428	57.19	-53.09	55.88	-51.78	11.94	-355.61	-2082.49	-378.28	-2059.82	-196.56
1	16	429	57.78	-57.16	56.14	-55.52	13.62	-402.19	-2335.53	-408.33	-2329.39	-108.82
1	16	430	58.72	-59.88	56.75	-57.91	15.16	-429.13	-2515.67	-429.32	-2515.48	-20.07
1	16	431	59.81	-61.36	57.53	-59.08	16.47	-437.72	-2615.23	-439.90	-2613.06	68.85
1	16	432	60.89	-61.64	58.34	-59.09	17.47	-428.21	-2631.25	-439.48	-2619.98	157.17
1	16	433	61.83	-60.67	59.10	-57.95	18.06	-400.12	-2564.17	-428.00	-2536.28	244.05
1	16	434	62.56	-58.34	59.77	-55.54	18.16	-352.38	-2417.78	-405.99	-2364.18	328.39
1	16	435	63.04	-54.41	60.32	-51.69	17.67	-283.25	-2200.12	-374.69	-2108.68	408.55
1	16	436	63.23	-48.56	60.75	-46.08	16.46	-190.29	-1925.42	-336.44	-1779.26	481.90
1	16	437	62.88	-40.37	60.86	-38.35	14.30	-70.90	-1616.33	-294.61	-1392.62	543.76
1	16	438	61.06	-29.50	59.78	-28.22	10.67	71.82	-1304.19	-254.43	-977.94	585.22
1	16	439	54.86	-16.24	54.60	-15.98	4.33	233.80	-999.43	-186.91	-578.72	584.66
1	16	440	39.13	-5.05	38.04	-3.96	-6.84	321.32	-664.78	-37.17	-306.29	474.33
1	16	441	35.35	3.80	26.94	12.21	-13.95	335.78	-445.28	69.23	-178.72	370.33
1	21	1	242.93	25.25	28.74	239.44	27.33	115.38	-1159.27	-837.79	-206.10	-553.56
1	21	2	90.87	-1.83	9.54	79.50	30.41	1016.23	-1748.23	-642.22	-89.78	-1354.35
1	21	3	80.36	-32.44	-27.83	75.75	22.34	832.01	-2395.38	-1404.29	-159.09	-1488.75
1	21	4	176.66	-32.03	-31.17	175.79	13.37	-187.56	-2056.32	-1891.94	-351.94	-529.31
1	21	5	48.28	-19.51	3.08	25.69	31.96	1956.27	-2157.97	-297.36	95.65	-2047.72
1	21	6	42.09	-31.76	-15.23	25.57	30.78	2093.47	-2537.03	-614.57	171.01	-2281.69
1	21	7	26.41	-30.75	-0.46	-3.87	28.53	2433.42	-2208.14	-47.82	273.10	-2315.22
1	21	8	20.69	-37.48	-14.20	-2.60	28.50	2804.84	-2429.05	-105.53	481.32	-2600.44
1	21	9	14.16	-38.52	-2.61	-21.75	24.54	2578.02	-2042.77	114.78	420.47	-2305.33
1	21	10	7.41	-42.23	-14.57	-20.25	24.66	3107.90	-2126.28	236.16	745.47	-2604.67
1	21	11	6.37	-43.84	-4.02	-33.46	20.33	2501.68	-1737.37	225.14	539.17	-2113.70
1	21	12	-1.32	-45.55	-14.96	-31.91	20.43	3125.35	-1694.99	468.76	961.61	-2397.54
1	21	13	1.15	-47.49	-4.97	-41.38	16.12	2274.33	-1342.48	300.12	631.73	-1800.79
1	21	14	-7.21	-47.87	-15.21	-39.86	16.17	2943.16	-1183.90	626.99	1132.26	-2048.01
1	21	15	-2.38	-49.99	-5.61	-46.75	11.98	1944.10	-893.12	350.09	700.89	-1407.73
1	21	16	-11.13	-49.49	-15.35	-45.28	12.00	2622.12	-628.74	732.49	1260.89	-1603.81
1	21	17	-4.65	-51.62	-6.03	-50.24	7.92	1545.93	-415.45	381.71	748.77	-963.36
1	21	18	-13.62	-50.60	-15.41	-48.81	7.93	2207.70	-57.99	799.18	1350.53	-1098.79
1	21	19	-5.93	-52.56	-6.27	-52.22	3.94	1111.95	64.09	399.15	776.90	-488.70
1	21	20	-15.00	-51.25	-15.43	-50.82	3.94	1745.45	493.89	835.93	1403.41	-557.75
1	21	21	-6.34	-52.86	-6.34	-52.86		786.18	404.71	404.71	786.18	
1	21	22	-15.43	-51.47	-15.43	-51.47		1420.89	847.64	847.64	1420.89	
1	21	23	-5.93	-52.56	-6.27	-52.22	-3.94	1111.95	64.09	399.15	776.90	488.70
1	21	24	-15.00	-51.25	-15.43	-50.82	-3.94	1745.45	493.89	835.93	1403.41	557.75
1	21	25	-4.65	-51.62	-6.03	-50.24	-7.92	1545.93	-415.45	381.71	748.77	963.36
1	21	26	-13.62	-50.60	-15.41	-48.81	-7.93	2207.70	-57.99	799.18	1350.53	1098.79
1	21	27	-2.38	-49.99	-5.61	-46.75	-11.98	1944.10	-893.12	350.09	700.89	1407.73
1	21	28	-11.13	-49.49	-15.35	-45.28	-12.00	2622.12	-628.74	732.49	1260.89	1603.81
1	21	29	1.15	-47.49	-4.97	-41.38	-16.12	2274.33	-1342.48	300.12	631.73	1800.79
1	21	30	-7.21	-47.87	-15.21	-39.86	-16.17	2943.16	-1183.90	626.99	1132.26	2048.01
1	21	31	6.37	-43.84	-4.02	-33.46	-20.33	2501.68	-1737.37	225.14	539.17	2113.70
1	21	32	-1.32	-45.55	-14.96	-31.91	-20.43	3125.35	-1694.99	468.76	961.61	2397.54
1	21	33	14.16	-38.52	-2.61	-21.75	-24.54	2578.02	-2042.77	114.78	420.47	2305.33
1	21	34	7.41	-42.23	-14.57	-20.25	-24.66	3107.90	-2126.28	236.16	745.47	2604.67
1	21	35	26.41	-30.75	-0.46	-3.87	-28.53	2433.42	-2208.14	-47.82	273.10	2315.22
1	21	36	20.69	-37.48	-14.20	-2.60	-28.50	2804.84	-2429.05	-105.53	481.32	2600.44
1	21	37	48.28	-19.51	3.08	25.69	-31.96	1956.27	-2157.97	-297.36	95.65	2047.72
1	21	38	42.09	-31.76	-15.23	25.57	-30.78	2093.47	-2537.03	-614.57	171.01	2281.69
1	21	39	90.87	-1.83	9.54	79.50	-30.41	1016.23	-1748.23	-642.22	-89.78	1354.35
1	21	40	80.36	-32.44	-27.83	75.75	-22.34	832.01	-2395.38	-1404.29	-159.09	1488.75
1	21	41	242.93	25.25	28.74	239.44	-27.33	115.38	-1159.27	-837.79	-206.10	553.56
1	21	42	176.66	-32.03	-31.17	175.79	-13.37	-187.56	-2056.32	-1891.94	-351.94	529.31
1	21	43	60.93	-62.14	-61.85	60.64	5.95	456.35	-3463.20	-2784.88	-221.96	-1482.76
1	21	44	84.68	-69.46	-68.96	84.18	-8.75	-425.97	-3761.63	-3693.31	-494.29	-472.46
1	21	45	31.10	-54.35	-47.34	24.09	23.45	1954.01	-2939.60	-1276.83	291.24	-2317.79
1	21	46	12.92	-50.02	-36.91	-0.19	25.56	2995.90	-2471.68	-266.79	791.01	-2682.14

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	21	47	0.13	-48.76	-32.02	-16.61	23.20	3573.93	-1919.86	421.69	1232.39	-2716.82
1	21	48	-9.08	-48.24	-29.38	-27.94	19.57	3794.35	-1295.50	895.19	1603.67	-2520.15
1	21	49	-15.69	-47.92	-27.76	-35.85	15.59	3751.94	-630.18	1218.84	1902.91	-2164.20
1	21	50	-20.31	-47.73	-26.70	-41.34	11.59	3519.73	47.32	1435.15	2131.90	-1700.90
1	21	51	-23.30	-47.67	-26.01	-44.96	7.66	3155.02	710.26	1572.12	2293.17	-1168.00
1	21	52	-24.95	-47.69	-25.61	-47.03	3.81	2718.16	1318.43	1647.63	2388.96	-593.65
1	21	53	-25.48	-47.71	-25.48	-47.71		2420.72	1671.73	1671.73	2420.72	
1	21	54	-24.95	-47.69	-25.61	-47.03	-3.81	2718.16	1318.43	1647.63	2388.96	593.65
1	21	55	-23.30	-47.67	-26.01	-44.96	-7.66	3155.02	710.26	1572.12	2293.17	1168.00
1	21	56	-20.31	-47.73	-26.70	-41.34	-11.59	3519.73	47.32	1435.15	2131.90	1700.90
1	21	57	-15.69	-47.92	-27.76	-35.85	-15.59	3751.94	-630.18	1218.84	1902.91	2164.20
1	21	58	-9.08	-48.24	-29.38	-27.94	-19.57	3794.35	-1295.50	895.19	1603.67	2520.15
1	21	59	0.13	-48.76	-32.02	-16.61	-23.20	3573.93	-1919.86	421.69	1232.39	2716.82
1	21	60	12.92	-50.02	-36.91	-0.19	-25.56	2995.90	-2471.68	-266.79	791.01	2682.14
1	21	61	31.10	-54.35	-47.34	24.09	-23.45	1954.01	-2939.60	-1276.83	291.24	2317.79
1	21	62	60.93	-62.14	-61.85	60.64	-5.95	456.35	-3463.20	-2784.88	-221.96	1482.76
1	21	63	84.68	-69.46	-68.96	84.18	8.75	-425.97	-3761.63	-3693.31	-494.29	472.46
1	21	64	34.57	-85.75	-85.11	33.93	-8.77	116.15	-4282.17	-3905.10	-260.93	-1231.39
1	21	65	35.51	-96.11	-92.27	31.67	-22.15	-522.70	-5143.94	-5107.14	-559.49	-410.71
1	21	66	18.65	-73.35	-72.14	17.44	10.50	1472.08	-3013.34	-1871.86	330.59	-1953.72
1	21	67	4.46	-64.79	-59.93	-0.40	17.69	2630.33	-2164.02	-458.29	924.60	-2295.29
1	21	68	-6.69	-58.79	-51.17	-14.31	18.41	3399.17	-1401.69	528.61	1468.88	-2353.94
1	21	69	-15.61	-54.58	-45.49	-24.70	16.48	3811.42	-654.90	1216.52	1940.01	-2203.67
1	21	70	-22.71	-51.33	-41.72	-32.32	13.52	3940.80	78.01	1690.69	2328.12	-1904.92
1	21	71	-28.25	-48.70	-39.19	-37.76	10.20	3855.22	783.88	2009.23	2629.87	-1503.99
1	21	72	-32.43	-46.55	-37.55	-41.42	6.79	3611.37	1445.00	2211.59	2844.78	-1035.88
1	21	73	-35.24	-44.92	-36.62	-43.54	3.38	3267.84	2028.88	2323.38	2973.34	-527.39
1	21	74	-36.32	-44.23	-36.32	-44.23		3016.12	2359.08	2359.08	3016.12	
1	21	75	-35.24	-44.92	-36.62	-43.54	-3.38	3267.84	2028.88	2323.38	2973.34	527.39
1	21	76	-32.43	-46.55	-37.55	-41.42	-6.79	3611.37	1445.00	2211.59	2844.78	1035.88
1	21	77	-28.25	-48.70	-39.19	-37.76	-10.20	3855.22	783.88	2009.23	2629.87	1503.99
1	21	78	-22.71	-51.33	-41.72	-32.32	-13.52	3940.80	78.01	1690.69	2328.12	1904.92
1	21	79	-15.61	-54.58	-45.49	-24.70	-16.48	3811.42	-654.90	1216.52	1940.01	2203.67
1	21	80	-6.69	-58.79	-51.17	-14.31	-18.41	3399.17	-1401.69	528.61	1468.88	2353.94
1	21	81	4.46	-64.79	-59.93	-0.40	-17.69	2630.33	-2164.02	-458.29	924.60	2295.29
1	21	82	18.65	-73.35	-72.14	17.44	-10.50	1472.08	-3013.34	-1871.86	330.59	1953.72
1	21	83	34.57	-85.75	-85.11	33.93	8.77	116.15	-4282.17	-3905.10	-260.93	1231.39
1	21	84	35.51	-96.11	-92.27	31.67	22.15	-522.70	-5143.94	-5107.14	-559.49	410.71
1	21	85	13.13	-103.09	-99.63	9.67	-19.74	-146.81	-5048.23	-4837.94	-357.09	-993.21
1	21	86	6.37	-113.83	-105.38	-2.09	-30.74	-659.47	-6272.39	-6251.90	-679.96	-338.48
1	21	87	5.92	-89.47	-89.42	5.87	-2.10	1032.23	-3149.62	-2407.99	290.60	-1597.30
1	21	88	-3.21	-78.93	-78.19	-3.96	7.48	2208.14	-1923.33	-662.80	947.61	-1902.34
1	21	89	-12.00	-70.65	-68.47	-14.18	11.10	3106.17	-961.32	582.65	1562.20	-1973.89
1	21	90	-19.77	-64.14	-61.03	-22.88	11.33	3675.82	-108.13	1463.18	2104.51	-1864.60
1	21	91	-26.41	-58.99	-55.63	-29.77	9.91	3957.51	676.62	2075.79	2558.34	-1622.61
1	21	92	-31.93	-54.83	-51.82	-34.94	7.73	4007.29	1398.00	2489.85	2915.44	-1287.18
1	21	93	-36.39	-51.42	-49.29	-38.52	5.24	3876.51	2049.37	2753.93	3171.94	-889.34
1	21	94	-39.77	-48.70	-47.84	-40.63	2.63	3614.32	2612.07	2900.17	3326.22	-453.59
1	21	95	-41.32	-47.37	-47.37	-41.32		3377.69	2946.93	2946.93	3377.69	
1	21	96	-39.77	-48.70	-47.84	-40.63	-2.63	3614.32	2612.07	2900.17	3326.22	453.59
1	21	97	-36.39	-51.42	-49.29	-38.52	-5.24	3876.51	2049.37	2753.93	3171.94	889.34
1	21	98	-31.93	-54.83	-51.82	-34.94	-7.73	4007.29	1398.00	2489.85	2915.44	1287.18
1	21	99	-26.41	-58.99	-55.63	-29.77	-9.91	3957.51	676.62	2075.79	2558.34	1622.61
1	21	100	-19.77	-64.14	-61.03	-22.88	-11.33	3675.82	-108.13	1463.18	2104.51	1864.60
1	21	101	-12.00	-70.65	-68.47	-14.18	-11.10	3106.17	-961.32	582.65	1562.20	1973.89
1	21	102	-3.21	-78.93	-78.19	-3.96	-7.48	2208.14	-1923.33	-662.80	947.61	1902.34
1	21	103	5.92	-89.47	-89.42	5.87	2.10	1032.23	-3149.62	-2407.99	290.60	1597.30
1	21	104	13.13	-103.09	-99.63	9.67	19.74	-146.81	-5048.23	-4837.94	-357.09	993.21
1	21	105	6.37	-113.83	-105.38	-2.09	30.74	-659.47	-6272.39	-6251.90	-679.96	338.48
1	21	106	-2.97	-115.92	-108.77	-10.12	-27.51	-335.86	-5682.46	-5572.37	-445.95	-759.28
1	21	107	-12.61	-126.35	-113.29	-25.67	-36.26	-765.99	-7142.48	-7131.59	-776.88	-263.33
1	21	108	-4.98	-102.67	-101.05	-6.61	-12.49	661.13	-3291.59	-2858.16	227.69	-1235.06
1	21	109	-9.98	-91.70	-91.62	-10.06	-2.56	1763.66	-1703.76	-856.84	916.74	-1489.75
1	21	110	-16.13	-82.53	-82.42	-16.25	2.78	2722.20	-551.80	599.01	1571.39	-1563.13
1	21	111	-22.31	-74.99	-74.53	-22.77	4.91	3411.67	388.05	1641.97	2157.75	-1489.65
1	21	112	-27.90	-68.95	-68.29	-28.56	5.15	3826.97	1202.03	2374.28	2654.72	-1304.96
1	21	113	-32.60	-64.27	-63.65	-33.21	4.37	4004.96	1917.11	2872.38	3049.70	-1040.16
1	21	114	-36.18	-60.86	-60.47	-36.58	3.09	3988.00	2538.86	3191.39	3335.47	-720.98
1	21	115	-38.48	-58.73	-58.61	-38.61	1.59	3813.29	3063.38	3368.50	3508.17	-368.40
1	21	116	-39.29	-57.99	-57.99	-39.29		3565.91	3425.20	3425.20	3565.91	
1	21	117	-38.48	-58.73	-58.61	-38.61	-1.59	3813.29	3063.38	3368.50	3508.17	368.40
1	21	118	-36.18	-60.86	-60.47	-36.58	-3.09	3988.00	2538.86	3191.39	3335.47	720.98
1	21	119	-32.60	-64.27	-63.65	-33.21	-4.37	4004.96	1917.11	2872.38	3049.70	1040.16
1	21	120	-27.90	-68.95	-68.29	-28.56	-5.15	3826.97	1202.03	2374.28	2654.72	1304.96

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	21	121	-22.31	-74.99	-74.53	-22.77	-4.91	3411.67	388.05	1641.97	2157.75	1489.65
1	21	122	-16.13	-82.53	-82.42	-16.25	-2.78	2722.20	-551.80	599.01	1571.39	1563.13
1	21	123	-9.98	-91.70	-91.62	-10.06	2.56	1763.66	-1703.76	-856.84	916.74	1489.75
1	21	124	-4.98	-102.67	-101.05	-6.61	12.49	661.13	-3291.59	-2858.16	227.69	1235.06
1	21	125	-2.97	-115.92	-108.77	-10.12	27.51	-335.86	-5682.46	-5572.37	-445.95	759.28
1	21	126	-12.61	-126.35	-113.29	-25.67	36.26	-765.99	-7142.48	-7131.59	-776.88	263.33
1	21	127	-14.86	-125.37	-114.51	-25.73	-32.90	-463.72	-6167.50	-6116.52	-514.70	-536.82
1	21	128	-25.80	-135.20	-118.08	-42.92	-39.75	-842.83	-7775.94	-7770.85	-847.92	-187.89
1	21	129	-13.64	-113.23	-108.77	-18.10	-20.60	383.32	-3426.48	-3209.60	166.43	-882.76
1	21	130	-15.63	-102.63	-101.11	-17.15	-11.40	1354.50	-1511.79	-1023.29	866.00	-1077.74
1	21	131	-19.55	-93.37	-92.97	-19.94	-5.39	2302.22	-172.01	592.16	1538.05	-1143.15
1	21	132	-24.21	-85.46	-85.40	-24.28	-1.94	3070.46	839.26	1762.77	2146.94	-1098.94
1	21	133	-28.81	-79.00	-79.00	-28.81	-0.23	3599.75	1660.04	2591.53	2668.26	-969.10
1	21	134	-32.79	-74.00	-74.00	-32.79	0.43	3899.26	2345.22	3158.51	3085.97	-776.17
1	21	135	-35.83	-70.45	-70.45	-35.83	0.52	4000.38	2912.72	3523.08	3390.02	-539.74
1	21	136	-37.72	-68.33	-68.33	-37.73	0.32	3936.74	3363.74	3725.99	3574.49	-276.31
1	21	137	-38.37	-67.63	-67.63	-38.37		3791.02	3636.29	3791.02	3636.29	
1	21	138	-37.72	-68.33	-68.33	-37.73	-0.32	3936.74	3363.74	3725.99	3574.49	276.31
1	21	139	-35.83	-70.45	-70.45	-35.83	-0.52	4000.38	2912.72	3523.08	3390.02	539.74
1	21	140	-32.79	-74.00	-74.00	-32.79	-0.43	3899.26	2345.22	3158.51	3085.97	776.17
1	21	141	-28.81	-79.00	-79.00	-28.81	0.23	3599.75	1660.04	2591.53	2668.26	969.10
1	21	142	-24.21	-85.46	-85.40	-24.28	1.94	3070.46	839.26	1762.77	2146.94	1098.94
1	21	143	-19.55	-93.37	-92.97	-19.94	5.39	2302.22	-172.01	592.16	1538.05	1143.15
1	21	144	-15.63	-102.63	-101.11	-17.15	11.40	1354.50	-1511.79	-1023.29	866.00	1077.74
1	21	145	-13.64	-113.23	-108.77	-18.10	20.60	383.32	-3426.48	-3209.60	166.43	882.76
1	21	146	-14.86	-125.37	-114.51	-25.73	32.90	-463.72	-6167.50	-6116.52	-514.70	536.82
1	21	147	-25.80	-135.20	-118.08	-42.92	39.75	-842.83	-7775.94	-7770.85	-847.92	187.89
1	21	148	-23.59	-132.13	-117.96	-37.77	-36.57	-543.60	-6499.69	-6481.71	-561.57	-326.71
1	21	149	-35.24	-141.23	-120.80	-55.67	-41.81	-891.63	-8193.86	-8192.09	-893.40	-113.83
1	21	150	-20.21	-121.42	-113.71	-27.91	-26.83	198.34	-3538.35	-3456.95	116.94	-545.47
1	21	151	-20.13	-111.61	-107.55	-24.19	-18.84	1024.00	-1360.39	-1150.36	813.97	-675.78
1	21	152	-22.40	-102.65	-100.54	-24.52	-12.85	1888.63	173.22	573.91	1487.94	-725.80
1	21	153	-25.94	-94.73	-93.62	-27.05	-8.64	2686.48	1251.69	1834.74	2103.43	-704.70
1	21	154	-29.85	-88.04	-87.46	-30.42	-5.76	3311.94	2055.76	2733.39	2634.31	-626.13
1	21	155	-33.45	-82.74	-82.46	-33.74	-3.76	3731.24	2682.26	3351.19	3062.31	-504.21
1	21	156	-36.31	-78.92	-78.80	-36.43	-2.28	3961.13	3163.93	3749.76	3375.30	-351.89
1	21	157	-38.13	-76.62	-76.59	-38.16	-1.08	4040.67	3497.16	3972.06	3565.78	-180.52
1	21	158	-38.75	-75.84	-75.84	-38.75		4043.37	3629.69	4043.37	3629.69	
1	21	159	-38.13	-76.62	-76.59	-38.16	1.08	4040.67	3497.16	3972.06	3565.78	180.52
1	21	160	-36.31	-78.92	-78.80	-36.43	2.28	3961.13	3163.93	3749.76	3375.30	351.89
1	21	161	-33.45	-82.74	-82.46	-33.74	3.76	3731.24	2682.26	3351.19	3062.31	504.21
1	21	162	-29.85	-88.04	-87.46	-30.42	5.76	3311.94	2055.76	2733.39	2634.31	626.13
1	21	163	-25.94	-94.73	-93.62	-27.05	8.64	2686.48	1251.69	1834.74	2103.43	704.70
1	21	164	-22.40	-102.65	-100.54	-24.52	12.85	1888.63	173.22	573.91	1487.94	725.80
1	21	165	-20.13	-111.61	-107.55	-24.19	18.84	1024.00	-1360.39	-1150.36	813.97	675.78
1	21	166	-20.21	-121.42	-113.71	-27.91	26.83	198.34	-3538.35	-3456.95	116.94	545.47
1	21	167	-23.59	-132.13	-117.96	-37.77	36.57	-543.60	-6499.69	-6481.71	-561.57	326.71
1	21	168	-35.24	-141.23	-120.80	-55.67	41.81	-891.63	-8193.86	-8192.09	-893.40	113.83
1	21	169	-29.83	-136.62	-119.69	-46.75	-39.00	-584.67	-6681.70	-6679.02	-587.35	-127.83
1	21	170	-41.91	-144.90	-122.00	-64.80	-42.82	-915.11	-8413.54	-8413.30	-915.34	-42.11
1	21	171	-24.93	-127.49	-116.57	-35.86	-31.64	95.98	-3613.41	-3599.85	82.42	-223.86
1	21	172	-23.49	-118.69	-111.57	-30.61	-25.04	809.83	-1272.06	-1231.44	769.22	-287.93
1	21	173	-24.73	-110.25	-105.57	-29.41	-19.46	1537.74	449.93	552.61	1435.06	-318.04
1	21	174	-27.62	-102.46	-99.38	-30.71	-14.88	2283.44	1627.63	1865.32	2045.75	-315.25
1	21	175	-31.24	-95.64	-93.66	-33.22	-11.12	2996.96	2383.38	2805.45	2574.89	-284.31
1	21	176	-34.84	-90.04	-88.88	-36.00	-7.94	3551.59	2905.62	3454.02	3003.19	-231.32
1	21	177	-37.84	-85.86	-85.31	-38.39	-5.13	3917.46	3273.36	3873.44	3317.38	-162.53
1	21	178	-39.83	-83.26	-83.11	-39.98	-2.52	4119.18	3497.51	4107.70	3508.98	-83.69
1	21	179	-40.53	-82.37	-82.37	-40.53		4182.91	3573.35	4182.91	3573.35	
1	21	180	-39.83	-83.26	-83.11	-39.98	2.52	4119.18	3497.51	4107.70	3508.98	83.69
1	21	181	-37.84	-85.86	-85.31	-38.39	5.13	3917.46	3273.36	3873.44	3317.38	162.53
1	21	182	-34.84	-90.04	-88.88	-36.00	7.94	3551.59	2905.62	3454.02	3003.19	231.32
1	21	183	-31.24	-95.64	-93.66	-33.22	11.12	2996.96	2383.38	2805.45	2574.89	284.31
1	21	184	-27.62	-102.46	-99.38	-30.71	14.88	2283.44	1627.63	1865.32	2045.75	315.25
1	21	185	-24.73	-110.25	-105.57	-29.41	19.46	1537.74	449.93	552.61	1435.06	318.04
1	21	186	-23.49	-118.69	-111.57	-30.61	25.04	809.83	-1272.06	-1231.44	769.22	287.93
1	21	187	-24.93	-127.49	-116.57	-35.86	31.64	95.98	-3613.41	-3599.85	82.42	223.86
1	21	188	-29.83	-136.62	-119.69	-46.75	39.00	-584.67	-6681.70	-6679.02	-587.35	127.83
1	21	189	-41.91	-144.90	-122.00	-64.80	42.82	-915.11	-8413.54	-8413.30	-915.34	42.11
1	21	190	-33.94	-139.11	-120.02	-53.02	-40.54	-592.85	-6718.26	-6717.64	-593.47	61.61
1	21	191	-46.27	-146.43	-121.93	-70.78	-43.06	-915.52	-8447.66	-8447.57	-915.61	26.82
1	21	192	-27.97	-131.67	-117.70	-41.94	-35.40	64.87	-3642.42	-3640.54	62.99	83.48
1	21	193	-25.74	-123.98	-113.58	-36.14	-30.23	737.84	-1267.62	-1264.01	734.23	84.94
1	21	194	-26.49	-116.19	-108.41	-34.27	-25.24	1391.58	526.18	533.02	1384.74	76.64

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	21	195	-29.22	-108.64	-102.92	-34.95	-20.54	2009.44	1832.18	1859.63	1981.99	64.13
1	21	196	-32.98	-101.73	-97.72	-37.00	-16.13	2820.13	2492.36	2812.15	2500.33	50.50
1	21	197	-36.95	-95.80	-93.27	-39.48	-11.94	3472.94	2918.11	3470.45	2920.60	37.11
1	21	198	-40.43	-91.17	-89.91	-41.69	-7.89	3897.53	3228.46	3896.65	3229.34	24.31
1	21	199	-42.85	-88.17	-87.83	-43.19	-3.93	4135.05	3417.61	4134.85	3417.81	12.02
1	21	200	-43.72	-87.12	-87.12	-43.72		4211.34	3481.16	4211.34	3481.16	
1	21	201	-42.85	-88.17	-87.83	-43.19	3.93	4135.05	3417.61	4134.85	3417.81	-12.02
1	21	202	-40.43	-91.17	-89.91	-41.69	7.89	3897.53	3228.46	3896.65	3229.34	-24.31
1	21	203	-36.95	-95.80	-93.27	-39.48	11.94	3472.94	2918.11	3470.45	2920.60	-37.11
1	21	204	-32.98	-101.73	-97.72	-37.00	16.13	2820.13	2492.36	2812.15	2500.33	-50.50
1	21	205	-29.22	-108.64	-102.92	-34.95	20.54	2009.44	1832.18	1859.63	1981.99	-64.13
1	21	206	-26.49	-116.19	-108.41	-34.27	25.24	1391.58	526.18	533.02	1384.74	-76.64
1	21	207	-25.74	-123.98	-113.58	-36.14	30.23	737.84	-1267.62	-1264.01	734.23	-84.94
1	21	208	-27.97	-131.67	-117.70	-41.94	35.40	64.87	-3642.42	-3640.54	62.99	-83.48
1	21	209	-33.94	-139.11	-120.02	-53.02	40.54	-592.85	-6718.26	-6717.64	-593.47	-61.61
1	21	210	-46.27	-146.43	-121.93	-70.78	43.06	-915.52	-8447.66	-8447.57	-915.61	-26.82
1	21	211	-36.10	-139.76	-119.06	-56.80	-41.44	-571.84	-6614.36	-6604.55	-581.65	243.24
1	21	212	-48.49	-145.98	-120.66	-73.82	-42.75	-894.59	-8304.67	-8303.51	-895.74	92.57
1	21	213	-29.44	-134.10	-117.31	-46.23	-38.41	95.61	-3621.56	-3582.66	56.71	378.25
1	21	214	-26.90	-127.63	-113.84	-40.70	-34.63	802.72	-1344.26	-1248.65	707.11	442.87
1	21	215	-27.66	-120.58	-109.34	-38.90	-30.31	1538.99	313.20	516.68	1335.52	456.09
1	21	216	-30.68	-113.37	-104.47	-39.58	-25.62	2297.77	1433.86	1820.31	1911.33	429.55
1	21	217	-34.98	-106.42	-99.81	-41.59	-20.70	2995.18	2171.74	2756.45	2410.47	373.61
1	21	218	-39.68	-100.14	-95.78	-44.04	-15.63	3526.91	2691.36	3403.36	2814.90	296.59
1	21	219	-43.99	-94.97	-92.72	-46.24	-10.47	3877.05	3056.91	3822.05	3111.91	205.15
1	21	220	-47.11	-91.43	-90.80	-47.74	-5.25	4070.08	3279.08	4055.96	3293.20	104.73
1	21	221	-48.26	-90.15	-90.15	-48.26		4131.05	3354.13	4131.05	3354.13	
1	21	222	-47.11	-91.43	-90.80	-47.74	5.25	4070.08	3279.08	4055.96	3293.20	-104.73
1	21	223	-43.99	-94.97	-92.72	-46.24	10.47	3877.05	3056.91	3822.05	3111.91	-205.15
1	21	224	-39.68	-100.14	-95.78	-44.04	15.63	3526.91	2691.36	3403.36	2814.90	-296.59
1	21	225	-34.98	-106.42	-99.81	-41.59	20.70	2995.18	2171.74	2756.45	2410.47	-373.61
1	21	226	-30.68	-113.37	-104.47	-39.58	25.62	2297.77	1433.86	1820.31	1911.33	-429.55
1	21	227	-27.66	-120.58	-109.34	-38.90	30.31	1538.99	313.20	516.68	1335.52	-456.09
1	21	228	-26.90	-127.63	-113.84	-40.70	34.63	802.72	-1344.26	-1248.65	707.11	-442.87
1	21	229	-29.44	-134.10	-117.31	-46.23	38.41	95.61	-3621.56	-3582.66	56.71	-378.25
1	21	230	-36.10	-139.76	-119.06	-56.80	41.44	-571.84	-6614.36	-6604.55	-581.65	-243.24
1	21	231	-48.49	-145.98	-120.66	-73.82	42.75	-894.59	-8304.67	-8303.51	-895.74	-92.57
1	21	232	-36.37	-138.64	-116.80	-58.21	-41.92	-524.04	-6375.04	-6345.05	-554.03	417.83
1	21	233	-48.59	-143.57	-118.15	-74.01	-42.05	-853.74	-7989.61	-7986.26	-857.09	154.59
1	21	234	-29.40	-134.87	-115.44	-48.83	-40.88	180.65	-3551.95	-3430.98	59.68	660.98
1	21	235	-27.02	-129.74	-112.47	-44.29	-38.42	967.71	-1474.25	-1188.52	681.98	784.93
1	21	236	-28.23	-123.56	-108.54	-43.26	-34.74	1796.25	-14.18	502.30	1279.77	817.50
1	21	237	-31.95	-116.80	-104.27	-44.47	-30.10	2563.94	1008.46	1747.65	1824.75	776.78
1	21	238	-37.14	-109.90	-100.18	-46.86	-24.76	3169.18	1765.89	2639.83	2295.24	680.16
1	21	239	-42.89	-103.31	-96.64	-49.56	-18.93	3580.24	2350.02	3254.97	2675.29	542.54
1	21	240	-48.34	-97.53	-93.94	-51.92	-12.78	3816.55	2789.51	3652.28	2953.78	376.46
1	21	241	-52.47	-93.30	-92.26	-53.51	-6.44	3920.41	3077.01	3873.90	3123.52	192.53
1	21	242	-54.06	-91.69	-91.69	-54.06		3944.98	3180.53	3944.98	3180.53	
1	21	243	-52.47	-93.30	-92.26	-53.51	6.44	3920.41	3077.01	3873.90	3123.52	-192.53
1	21	244	-48.34	-97.53	-93.94	-51.92	12.78	3816.55	2789.51	3652.28	2953.78	-376.46
1	21	245	-42.89	-103.31	-96.64	-49.56	18.93	3580.24	2350.02	3254.97	2675.29	-542.54
1	21	246	-37.14	-109.90	-100.18	-46.86	24.76	3169.18	1765.89	2639.83	2295.24	-680.16
1	21	247	-31.95	-116.80	-104.27	-44.47	30.10	2563.94	1008.46	1747.65	1824.75	-776.78
1	21	248	-28.23	-123.56	-108.54	-43.26	34.74	1796.25	-14.18	502.30	1279.77	-817.50
1	21	249	-27.02	-129.74	-112.47	-44.29	38.42	967.71	-1474.25	-1188.52	681.98	-784.93
1	21	250	-29.40	-134.87	-115.44	-48.83	40.88	180.65	-3551.95	-3430.98	59.68	-660.98
1	21	251	-36.37	-138.64	-116.80	-58.21	41.92	-524.04	-6375.04	-6345.05	-554.03	-417.83
1	21	252	-48.59	-143.57	-118.15	-74.01	42.05	-853.74	-7989.61	-7986.26	-857.09	-154.59
1	21	253	-34.75	-135.73	-113.12	-57.36	-42.09	-451.34	-6005.91	-5943.70	-513.55	584.53
1	21	254	-46.44	-139.16	-114.24	-71.36	-41.10	-794.43	-7505.48	-7498.79	-801.12	211.73
1	21	255	-27.94	-134.00	-112.07	-49.87	-42.95	312.29	-3438.43	-3191.75	65.62	929.71
1	21	256	-26.18	-130.37	-109.53	-47.02	-41.68	1187.43	-1627.94	-1089.21	648.69	1107.48
1	21	257	-28.27	-125.24	-106.17	-47.35	-38.55	2054.82	-365.17	486.11	1203.54	1155.60
1	21	258	-33.03	-119.12	-102.55	-49.60	-33.94	2772.51	572.50	1640.03	1704.98	1099.52
1	21	259	-39.38	-112.45	-99.11	-52.72	-28.23	3276.17	1321.08	2462.57	2134.68	963.70
1	21	260	-46.42	-105.67	-96.17	-55.92	-21.74	3569.88	1936.96	3027.09	2479.75	769.23
1	21	261	-53.25	-99.29	-93.94	-58.59	-14.75	3688.25	2433.46	3390.23	2731.49	533.98
1	21	262	-58.72	-94.19	-92.56	-60.35	-7.44	3685.32	2791.31	3592.15	2884.48	273.15
1	21	263	-60.96	-92.09	-92.09	-60.96		3656.81	2935.78	3656.81	2935.78	
1	21	264	-58.72	-94.19	-92.56	-60.35	7.44	3685.32	2791.31	3592.15	2884.48	-273.15
1	21	265	-53.25	-99.29	-93.94	-58.59	14.75	3688.25	2433.46	3390.23	2731.49	-533.98
1	21	266	-46.42	-105.67	-96.17	-55.92	21.74	3569.88	1936.96	3027.09	2479.75	-769.23
1	21	267	-39.38	-112.45	-99.11	-52.72	28.23	3276.17	1321.08	2462.57	2134.68	-963.70
1	21	268	-33.03	-119.12	-102.55	-49.60	33.94	2772.51	572.50	1640.03	1704.98	-1099.52

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	21	269	-28.27	-125.24	-106.17	-47.35	38.55	2054.82	-365.17	486.11	1203.54	-1155.60
1	21	270	-26.18	-130.37	-109.53	-47.02	41.68	1187.43	-1627.94	-1089.21	648.69	-1107.48
1	21	271	-27.94	-134.00	-112.07	-49.87	42.95	312.29	-3438.43	-3191.75	65.62	-929.71
1	21	272	-34.75	-135.73	-113.12	-57.36	42.09	-451.34	-6005.91	-5943.70	-513.55	-584.53
1	21	273	-46.44	-139.16	-114.24	-71.36	41.10	-794.43	-7505.48	-7498.79	-801.12	-211.73
1	21	274	-31.27	-130.89	-107.80	-54.35	-42.03	-356.09	-5514.44	-5406.01	-464.51	739.95
1	21	275	-41.86	-132.57	-108.66	-65.77	-39.96	-718.72	-6855.12	-6843.92	-729.92	261.92
1	21	276	-25.18	-131.41	-107.07	-49.52	-44.64	479.35	-3287.87	-2873.64	65.12	1178.52
1	21	277	-24.57	-129.50	-105.04	-49.03	-44.37	1419.02	-1786.03	-958.93	591.93	1402.42
1	21	278	-27.96	-125.68	-102.37	-51.26	-41.65	2267.70	-719.80	462.19	1085.70	1460.85
1	21	279	-34.04	-120.48	-99.58	-54.94	-37.01	2898.02	122.16	1494.43	1525.75	1387.84
1	21	280	-41.74	-114.34	-96.99	-59.09	-30.96	3287.14	835.59	2224.42	1898.31	1214.88
1	21	281	-50.15	-107.64	-94.81	-62.97	-23.93	3462.11	1454.13	2721.71	2194.53	968.77
1	21	282	-58.46	-100.81	-93.19	-66.08	-16.26	3466.55	1981.95	3039.52	2408.98	672.02
1	21	283	-65.54	-94.73	-92.19	-68.07	-8.22	3359.24	2394.76	3215.36	2538.63	343.60
1	21	284	-68.76	-91.86	-91.86	-68.76		3271.51	2581.99	3271.51	2581.99	
1	21	285	-65.54	-94.73	-92.19	-68.07	8.22	3359.24	2394.76	3215.36	2538.63	-343.60
1	21	286	-58.46	-100.81	-93.19	-66.08	16.26	3466.55	1981.95	3039.52	2408.98	-672.02
1	21	287	-50.15	-107.64	-94.81	-62.97	23.93	3462.11	1454.13	2721.71	2194.53	-968.77
1	21	288	-41.74	-114.34	-96.99	-59.09	30.96	3287.14	835.59	2224.42	1898.31	-1214.88
1	21	289	-34.04	-120.48	-99.58	-54.94	37.01	2898.02	122.16	1494.43	1525.75	-1387.84
1	21	290	-27.96	-125.68	-102.37	-51.26	41.65	2267.70	-719.80	462.19	1085.70	-1460.85
1	21	291	-24.57	-129.50	-105.04	-49.03	44.37	1419.02	-1786.03	-958.93	591.93	-1402.42
1	21	292	-25.18	-131.41	-107.07	-49.52	44.64	479.35	-3287.87	-2873.64	65.12	-1178.52
1	21	293	-31.27	-130.89	-107.80	-54.35	42.03	-356.09	-5514.44	-5406.01	-464.51	-739.95
1	21	294	-41.86	-132.57	-108.66	-65.77	39.96	-718.72	-6855.12	-6843.92	-729.92	-261.92
1	21	295	-26.01	-123.87	-100.53	-49.34	-41.70	-242.50	-4911.89	-4740.91	-413.48	877.00
1	21	296	-34.65	-123.51	-101.02	-57.14	-38.64	-630.00	-6044.07	-6027.21	-646.86	301.71
1	21	297	-21.42	-126.90	-100.28	-48.04	-45.82	662.55	-3107.16	-2489.05	44.45	1395.72
1	21	298	-22.53	-127.01	-99.00	-50.54	-46.28	1618.63	-1937.60	-808.83	489.85	1655.31
1	21	299	-27.62	-124.85	-97.36	-55.11	-43.78	2393.77	-1074.23	422.90	896.64	1717.75
1	21	300	-35.28	-120.95	-95.72	-60.51	-39.05	2905.81	-347.95	1307.20	1250.65	1626.64
1	21	301	-44.41	-115.75	-94.28	-65.87	-32.72	3167.69	301.83	1925.41	1544.12	1420.19
1	21	302	-54.14	-109.55	-93.14	-70.55	-25.30	3222.95	892.19	2341.89	1773.25	1130.17
1	21	303	-63.79	-102.68	-92.33	-74.15	-17.19	3122.32	1419.88	2605.44	1936.75	782.81
1	21	304	-72.50	-95.74	-91.84	-76.40	-8.68	2928.97	1855.81	2750.18	2034.60	399.88
1	21	305	-77.16	-91.68	-91.68	-77.16		2796.21	2067.15	2796.21	2067.15	
1	21	306	-72.50	-95.74	-91.84	-76.40	8.68	2928.97	1855.81	2750.18	2034.60	-399.88
1	21	307	-63.79	-102.68	-92.33	-74.15	17.19	3122.32	1419.88	2605.44	1936.75	-782.81
1	21	308	-54.14	-109.55	-93.14	-70.55	25.30	3222.95	892.19	2341.89	1773.25	-1130.17
1	21	309	-44.41	-115.75	-94.28	-65.87	32.72	3167.69	301.83	1925.41	1544.12	-1420.19
1	21	310	-35.28	-120.95	-95.72	-60.51	39.05	2905.81	-347.95	1307.20	1250.65	-1626.64
1	21	311	-27.62	-124.85	-97.36	-55.11	43.78	2393.77	-1074.23	422.90	896.64	-1717.75
1	21	312	-22.53	-127.01	-99.00	-50.54	46.28	1618.63	-1937.60	-808.83	489.85	-1655.31
1	21	313	-21.42	-126.90	-100.28	-48.04	45.82	662.55	-3107.16	-2489.05	44.45	-1395.72
1	21	314	-26.01	-123.87	-100.53	-49.34	41.70	-242.50	-4911.89	-4740.91	-413.48	-877.00
1	21	315	-34.65	-123.51	-101.02	-57.14	38.64	-630.00	-6044.07	-6027.21	-646.86	-301.71
1	21	316	-19.30	-114.27	-90.91	-42.66	-40.89	-119.21	-4215.71	-3964.29	-370.63	983.22
1	21	317	-24.64	-111.51	-90.77	-45.38	-37.03	-534.22	-5084.94	-5061.48	-557.68	325.90
1	21	318	-17.18	-120.14	-91.51	-45.80	-46.13	829.21	-2901.23	-2055.91	-16.12	1561.69
1	21	319	-20.66	-122.66	-91.53	-51.80	-46.97	1735.14	-2075.82	-653.06	312.38	1843.32
1	21	320	-27.84	-122.61	-91.47	-58.98	-44.51	2384.95	-1428.66	359.58	596.71	1903.11
1	21	321	-37.27	-120.51	-91.50	-66.28	-39.66	2751.84	-844.96	1075.10	831.78	1794.28
1	21	322	-47.83	-116.75	-91.66	-72.92	-33.16	2876.93	-292.72	1566.95	1017.25	1560.81
1	21	323	-58.71	-111.61	-91.91	-78.42	-25.58	2816.36	232.16	1892.87	1155.65	1238.41
1	21	324	-69.33	-105.33	-92.16	-82.49	-17.34	2628.00	718.80	2096.11	1250.69	855.91
1	21	325	-79.18	-98.16	-92.35	-84.99	-8.75	2383.43	1129.06	2206.47	1306.02	436.64
1	21	326	-85.83	-92.42	-92.42	-85.83		2241.35	1324.16	2241.35	1324.16	
1	21	327	-79.18	-98.16	-92.35	-84.99	8.75	2383.43	1129.06	2206.47	1306.02	-436.64
1	21	328	-69.33	-105.33	-92.16	-82.49	17.34	2628.00	718.80	2096.11	1250.69	-855.91
1	21	329	-58.71	-111.61	-91.91	-78.42	25.58	2816.36	232.16	1892.87	1155.65	-1238.41
1	21	330	-47.83	-116.75	-91.66	-72.92	33.16	2876.93	-292.72	1566.95	1017.25	-1560.81
1	21	331	-37.27	-120.51	-91.50	-66.28	39.66	2751.84	-844.96	1075.10	831.78	-1794.28
1	21	332	-27.84	-122.61	-91.47	-58.98	44.51	2384.95	-1428.66	359.58	596.71	-1903.11
1	21	333	-20.66	-122.66	-91.53	-51.80	46.97	1735.14	-2075.82	-653.06	312.38	-1843.32
1	21	334	-17.18	-120.14	-91.51	-45.80	46.13	829.21	-2901.23	-2055.91	-16.12	-1561.69
1	21	335	-19.30	-114.27	-90.91	-42.66	40.89	-119.21	-4215.71	-3964.29	-370.63	-983.22
1	21	336	-24.64	-111.51	-90.77	-45.38	37.03	-534.22	-5084.94	-5061.48	-557.68	-325.90
1	21	337	-11.93	-101.51	-78.51	-34.93	-39.13	-3.60	-3452.18	-3104.20	-351.58	1038.73
1	21	338	-12.02	-95.89	-77.28	-30.62	-34.85	-441.48	-4004.17	-3973.86	-471.80	327.23
1	21	339	-13.40	-110.59	-80.72	-43.27	-44.84	928.39	-2671.69	-1599.30	-144.00	1646.41
1	21	340	-19.87	-116.06	-82.92	-53.01	-45.71	1706.92	-2195.66	-508.52	19.78	1933.32
1	21	341	-29.49	-118.72	-85.27	-62.94	-43.19	2184.89	-1786.24	263.64	135.01	1984.53
1	21	342	-40.83	-118.99	-87.68	-72.14	-38.30	2386.60	-1381.96	796.47	208.17	1861.18

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	21	343	-52.78	-117.23	-90.00	-80.01	-31.84	2374.59	-972.98	1153.25	248.36	1611.48
1	21	344	-64.56	-113.76	-92.07	-86.24	-24.43	2215.70	-566.10	1383.60	265.99	1273.71
1	21	345	-75.65	-108.77	-93.71	-90.71	-16.49	1975.87	-181.12	1523.93	270.81	877.82
1	21	346	-85.75	-102.40	-94.76	-93.39	-8.30	1735.22	134.05	1598.78	270.49	447.04
1	21	347	-94.29	-95.12	-95.12	-94.29		1622.20	269.84	1622.20	269.84	
1	21	348	-85.75	-102.40	-94.76	-93.39	8.30	1735.22	134.05	1598.78	270.49	-447.04
1	21	349	-75.65	-108.77	-93.71	-90.71	16.49	1975.87	-181.12	1523.93	270.81	-877.82
1	21	350	-64.56	-113.76	-92.07	-86.24	24.43	2215.70	-566.10	1383.60	265.99	-1273.71
1	21	351	-52.78	-117.23	-90.00	-80.01	31.84	2374.59	-972.98	1153.25	248.36	-1611.48
1	21	352	-40.83	-118.99	-87.68	-72.14	38.30	2386.60	-1381.96	796.47	208.17	-1861.18
1	21	353	-29.49	-118.72	-85.27	-62.94	43.19	2184.89	-1786.24	263.64	135.01	-1984.53
1	21	354	-19.87	-116.06	-82.92	-53.01	45.71	1706.92	-2195.66	-508.52	19.78	-1933.32
1	21	355	-13.40	-110.59	-80.72	-43.27	44.84	928.39	-2671.69	-1599.30	-144.00	-1646.41
1	21	356	-11.93	-101.51	-78.51	-34.93	39.13	-3.60	-3452.18	-3104.20	-351.58	-1038.73
1	21	357	-12.02	-95.89	-77.28	-30.62	34.85	-441.48	-4004.17	-3973.86	-471.80	-327.23
1	21	358	-5.44	-84.90	-63.12	-27.23	-35.44	72.75	-2658.48	-2207.98	-377.75	1013.65
1	21	359	1.97	-75.86	-59.99	-13.89	-31.36	-367.62	-2852.98	-2817.09	-403.51	296.49
1	21	360	-11.46	-97.58	-68.22	-40.81	-40.82	890.44	-2416.81	-1152.57	-373.80	1607.13
1	21	361	-21.41	-106.76	-73.90	-54.26	-41.53	1464.80	-2294.83	-393.55	-436.49	1879.69
1	21	362	-33.77	-112.83	-79.69	-66.91	-39.01	1736.05	-2159.64	127.86	-551.45	1918.00
1	21	363	-47.11	-116.06	-85.29	-77.88	-34.28	1769.11	-1992.65	472.80	-696.35	1787.73
1	21	364	-60.34	-116.89	-90.45	-86.78	-28.22	1643.56	-1799.37	693.06	-848.87	1539.17
1	21	365	-72.73	-115.68	-94.86	-93.55	-21.47	1433.85	-1594.08	828.57	-988.80	1210.95
1	21	366	-83.84	-112.64	-98.21	-98.27	-14.40	1207.27	-1399.86	907.44	-1100.03	831.75
1	21	367	-93.46	-107.91	-100.31	-101.06	-7.22	1029.16	-1252.42	947.95	-1171.21	422.72
1	21	368	-101.02	-101.98	-101.02	-101.98		960.35	-1195.67	960.35	-1195.67	
1	21	369	-93.46	-107.91	-100.31	-101.06	7.22	1029.16	-1252.42	947.95	-1171.21	-422.72
1	21	370	-83.84	-112.64	-98.21	-98.27	14.40	1207.27	-1399.86	907.44	-1100.03	-831.75
1	21	371	-72.73	-115.68	-94.86	-93.55	21.47	1433.85	-1594.08	828.57	-988.80	-1210.95
1	21	372	-60.34	-116.89	-90.45	-86.78	28.22	1643.56	-1799.37	693.06	-848.87	-1539.17
1	21	373	-47.11	-116.06	-85.29	-77.88	34.28	1769.11	-1992.65	472.80	-696.35	-1787.73
1	21	374	-33.77	-112.83	-79.69	-66.91	39.01	1736.05	-2159.64	127.86	-551.45	-1918.00
1	21	375	-21.41	-106.76	-73.90	-54.26	41.53	1464.80	-2294.83	-393.55	-436.49	-1879.69
1	21	376	-11.46	-97.58	-68.22	-40.81	40.82	890.44	-2416.81	-1152.57	-373.80	-1607.13
1	21	377	-5.44	-84.90	-63.12	-27.23	35.44	72.75	-2658.48	-2207.98	-377.75	-1013.65
1	21	378	1.97	-75.86	-59.99	-13.89	31.36	-367.62	-2852.98	-2817.09	-403.51	-296.49
1	21	379	-2.18	-63.65	-45.26	-20.57	-28.15	60.66	-1880.40	-1351.38	-468.36	864.29
1	21	380	13.11	-51.02	-39.17	1.26	-24.89	-317.98	-1722.73	-1685.61	-355.11	225.34
1	21	381	-13.05	-80.47	-55.14	-38.37	-32.65	636.92	-2131.67	-757.25	-737.51	1384.26
1	21	382	-26.93	-94.35	-65.71	-55.57	-33.32	947.30	-2386.57	-327.68	-1111.58	1620.20
1	21	383	-42.27	-104.44	-75.99	-70.72	-30.97	1008.48	-2602.65	-52.70	-1541.47	1644.98
1	21	384	-57.62	-111.25	-85.78	-83.09	-26.78	913.98	-2781.12	110.97	-1978.11	1523.94
1	21	385	-71.87	-115.34	-94.53	-92.67	-21.71	746.88	-2925.48	202.65	-2381.25	1304.77
1	21	386	-84.40	-117.09	-101.77	-99.72	-16.32	568.18	-3038.43	250.61	-2720.87	1022.00
1	21	387	-94.90	-116.76	-107.13	-104.53	-10.85	417.82	-3120.53	273.54	-2976.26	699.78
1	21	388	-103.24	-114.50	-110.42	-107.32	-5.41	319.57	-3170.76	283.08	-3134.27	354.99
1	21	389	-108.23	-111.52	-111.52	-108.23		285.59	-3187.70	285.59	-3187.70	
1	21	390	-103.24	-114.50	-110.42	-107.32	5.41	319.57	-3170.76	283.08	-3134.27	-354.99
1	21	391	-94.90	-116.76	-107.13	-104.53	10.85	417.82	-3120.53	273.54	-2976.26	-699.78
1	21	392	-84.40	-117.09	-101.77	-99.72	16.32	568.18	-3038.43	250.61	-2720.87	-1022.00
1	21	393	-71.87	-115.34	-94.53	-92.67	21.71	746.88	-2925.48	202.65	-2381.25	-1304.77
1	21	394	-57.62	-111.25	-85.78	-83.09	26.78	913.98	-2781.12	110.97	-1978.11	-1523.94
1	21	395	-42.27	-104.44	-75.99	-70.72	30.97	1008.48	-2602.65	-52.70	-1541.47	-1644.98
1	21	396	-26.93	-94.35	-65.71	-55.57	33.32	947.30	-2386.57	-327.68	-1111.58	-1620.20
1	21	397	-13.05	-80.47	-55.14	-38.37	32.65	636.92	-2131.67	-757.25	-737.51	-1384.26
1	21	398	-2.18	-63.65	-45.26	-20.57	28.15	60.66	-1880.40	-1351.38	-468.36	-864.29
1	21	399	13.11	-51.02	-39.17	1.26	24.89	-317.98	-1722.73	-1685.61	-355.11	-225.34
1	21	400	-3.88	-37.65	-27.07	-14.46	-15.66	-71.79	-1150.23	-651.19	-570.83	537.72
1	21	401	12.93	-23.38	-17.71	7.27	-13.18	-250.91	-774.54	-749.68	-275.77	111.35
1	21	402	-20.35	-59.20	-43.15	-36.40	-19.13	129.40	-1814.01	-458.18	-1226.43	892.56
1	21	403	-38.58	-77.80	-59.51	-56.87	-19.56	170.51	-2555.44	-325.00	-2059.93	1051.29
1	21	404	-57.09	-92.63	-75.90	-73.82	-17.74	101.16	-3307.41	-272.30	-2933.96	1064.64
1	21	405	-73.99	-104.14	-91.13	-87.00	-14.93	-11.53	-4017.87	-269.18	-3760.22	982.77
1	21	406	-88.16	-112.92	-104.21	-96.87	-11.82	-128.40	-4644.40	-290.03	-4482.77	838.93
1	21	407	-99.06	-119.51	-114.61	-103.96	-8.72	-229.47	-5156.74	-318.34	-5067.87	655.73
1	21	408	-106.60	-124.22	-122.11	-108.71	-5.72	-305.39	-5534.68	-344.12	-5495.95	448.38
1	21	409	-110.93	-127.14	-126.63	-111.44	-2.83	-352.03	-5765.81	-361.59	-5756.25	227.29
1	21	410	-112.33	-128.13	-128.13	-112.33		-367.73	-5843.54	-367.73	-5843.54	
1	21	411	-110.93	-127.14	-126.63	-111.44	2.83	-352.03	-5765.81	-361.59	-5756.25	-227.29
1	21	412	-106.60	-124.22	-122.11	-108.71	5.72	-305.39	-5534.68	-344.12	-5495.95	-448.38
1	21	413	-99.06	-119.51	-114.61	-103.96	8.72	-229.47	-5156.74	-318.34	-5067.87	-655.73
1	21	414	-88.16	-112.92	-104.21	-96.87	11.82	-128.40	-4644.40	-290.03	-4482.77	-838.93
1	21	415	-73.99	-104.14	-91.13	-87.00	14.93	-11.53	-4017.87	-269.18	-3760.22	-982.77
1	21	416	-57.09	-92.63	-75.90	-73.82	17.74	101.16	-3307.41	-272.30	-2933.96	-1064.64

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	21	417	-38.58	-77.80	-59.51	-56.87	19.56	170.51	-2555.44	-325.00	-2059.93	-1051.29
1	21	418	-20.35	-59.20	-43.15	-36.40	19.13	129.40	-1814.01	-458.18	-1226.43	-892.56
1	21	419	-3.88	-37.65	-27.07	-14.46	15.66	-71.79	-1150.23	-651.19	-570.83	-537.72
1	21	420	12.93	-23.38	-17.71	7.27	13.18	-250.91	-774.54	-749.68	-275.77	-111.35
1	21	421	-0.75	-16.91	-7.61	-10.06	-7.98	-262.42	-666.24	-322.76	-605.90	143.96
1	21	422	11.46	-1.37	2.17	7.92	-5.73	-183.32	-341.23	-312.80	-211.75	-60.68
1	21	423	-21.17	-43.52	-29.93	-34.76	-10.91	-265.26	-1560.10	-329.67	-1495.69	281.53
1	21	424	-46.09	-68.21	-56.82	-57.47	-11.06	-293.32	-2664.95	-348.53	-2609.74	357.61
1	21	425	-68.93	-89.38	-82.55	-75.76	-9.64	-355.00	-3788.69	-398.21	-3745.48	382.75
1	21	426	-86.27	-107.84	-104.50	-89.61	-7.81	-436.26	-4825.48	-467.27	-4794.46	367.66
1	21	427	-98.29	-123.66	-122.17	-99.79	-5.98	-517.93	-5715.38	-538.10	-5695.21	323.13
1	21	428	-106.39	-136.26	-135.62	-107.02	-4.30	-588.80	-6426.19	-600.22	-6414.78	257.91
1	21	429	-111.60	-145.30	-145.07	-111.83	-2.76	-642.59	-6941.29	-647.67	-6936.21	178.87
1	21	430	-114.53	-150.72	-150.67	-114.58	-1.35	-675.92	-7252.63	-677.19	-7251.35	91.42
1	21	431	-115.48	-152.53	-152.53	-115.48		-687.19	-7356.72	-687.19	-7356.72	
1	21	432	-114.53	-150.72	-150.67	-114.58	1.35	-675.92	-7252.63	-677.19	-7251.35	-91.42
1	21	433	-111.60	-145.30	-145.07	-111.83	2.76	-642.59	-6941.29	-647.67	-6936.21	-178.87
1	21	434	-106.39	-136.26	-135.62	-107.02	4.30	-588.80	-6426.19	-600.22	-6414.78	-257.91
1	21	435	-98.29	-123.66	-122.17	-99.79	5.98	-517.93	-5715.38	-538.10	-5695.21	-323.13
1	21	436	-86.27	-107.84	-104.50	-89.61	7.81	-436.26	-4825.48	-467.27	-4794.46	-367.66
1	21	437	-68.93	-89.38	-82.55	-75.76	9.64	-355.00	-3788.69	-398.21	-3745.48	-382.75
1	21	438	-46.09	-68.21	-56.82	-57.47	11.06	-293.32	-2664.95	-348.53	-2609.74	-357.61
1	21	439	-21.17	-43.52	-29.93	-34.76	10.91	-265.26	-1560.10	-329.67	-1495.69	-281.53
1	21	440	-0.75	-16.91	-7.61	-10.06	7.98	-262.42	-666.24	-322.76	-605.90	-143.96
1	21	441	11.46	-1.37	2.17	7.92	5.73	-183.32	-341.23	-312.80	-211.75	60.68
1	23	1	242.93	25.25	28.74	239.44	27.33	115.38	-1159.27	-837.79	-206.10	-553.56
1	23	2	90.87	-1.83	9.54	79.50	30.41	1016.23	-1748.23	-642.22	-89.78	-1354.35
1	23	3	80.36	-32.44	-27.83	75.75	22.34	832.01	-2395.38	-1404.29	-159.09	-1488.75
1	23	4	176.66	-32.03	-31.17	175.79	13.37	-187.56	-2056.32	-1891.94	-351.94	-529.31
1	23	5	48.28	-19.51	3.08	25.69	31.96	1956.27	-2157.97	-297.36	95.65	-2047.72
1	23	6	42.09	-31.76	-15.23	25.57	30.78	2093.47	-2537.03	-614.57	171.01	-2281.69
1	23	7	26.41	-30.75	-0.46	-3.87	28.53	2433.42	-2208.14	-47.82	273.10	-2315.22
1	23	8	20.69	-37.48	-14.20	-2.60	28.50	2804.84	-2429.05	-105.53	481.32	-2600.44
1	23	9	14.16	-38.52	-2.61	-21.75	24.54	2578.02	-2042.77	114.78	420.47	-2305.33
1	23	10	7.41	-42.23	-14.57	-20.25	24.66	3107.90	-2126.28	236.16	745.47	-2604.67
1	23	11	6.37	-43.84	-4.02	-33.46	20.33	2501.68	-1737.37	225.14	539.17	-2113.70
1	23	12	-1.32	-45.55	-14.96	-31.91	20.43	3125.35	-1694.99	468.76	961.61	-2397.54
1	23	13	1.15	-47.49	-4.97	-41.38	16.12	2274.33	-1342.48	300.12	631.73	-1800.79
1	23	14	-7.21	-47.87	-15.21	-39.86	16.17	2943.16	-1183.90	626.99	1132.26	-2048.01
1	23	15	-2.38	-49.99	-5.61	-46.75	11.98	1944.10	-893.12	350.09	700.89	-1407.73
1	23	16	-11.13	-49.49	-15.35	-45.28	12.00	2622.12	-628.74	732.49	1260.89	-1603.81
1	23	17	-4.65	-51.62	-6.03	-50.24	7.92	1545.93	-415.45	381.71	748.77	-963.36
1	23	18	-13.62	-50.60	-15.41	-48.81	7.93	2207.70	-57.99	799.18	1350.53	-1098.79
1	23	19	-5.93	-52.56	-6.27	-52.22	3.94	1111.95	64.09	399.15	776.90	-488.70
1	23	20	-15.00	-51.25	-15.43	-50.82	3.94	1745.45	493.89	835.93	1403.41	-557.75
1	23	21	-6.34	-52.86	-6.34	-52.86		786.18	404.71	404.71	786.18	
1	23	22	-15.43	-51.47	-15.43	-51.47		1420.89	847.64	847.64	1420.89	
1	23	23	-5.93	-52.56	-6.27	-52.22	-3.94	1111.95	64.09	399.15	776.90	488.70
1	23	24	-15.00	-51.25	-15.43	-50.82	-3.94	1745.45	493.89	835.93	1403.41	557.75
1	23	25	-4.65	-51.62	-6.03	-50.24	-7.92	1545.93	-415.45	381.71	748.77	963.36
1	23	26	-13.62	-50.60	-15.41	-48.81	-7.93	2207.70	-57.99	799.18	1350.53	1098.79
1	23	27	-2.38	-49.99	-5.61	-46.75	-11.98	1944.10	-893.12	350.09	700.89	1407.73
1	23	28	-11.13	-49.49	-15.35	-45.28	-12.00	2622.12	-628.74	732.49	1260.89	1603.81
1	23	29	1.15	-47.49	-4.97	-41.38	-16.12	2274.33	-1342.48	300.12	631.73	1800.79
1	23	30	-7.21	-47.87	-15.21	-39.86	-16.17	2943.16	-1183.90	626.99	1132.26	2048.01
1	23	31	6.37	-43.84	-4.02	-33.46	-20.33	2501.68	-1737.37	225.14	539.17	2113.70
1	23	32	-1.32	-45.55	-14.96	-31.91	-20.43	3125.35	-1694.99	468.76	961.61	2397.54
1	23	33	14.16	-38.52	-2.61	-21.75	-24.54	2578.02	-2042.77	114.78	420.47	2305.33
1	23	34	7.41	-42.23	-14.57	-20.25	-24.66	3107.90	-2126.28	236.16	745.47	2604.67
1	23	35	26.41	-30.75	-0.46	-3.87	-28.53	2433.42	-2208.14	-47.82	273.10	2315.22
1	23	36	20.69	-37.48	-14.20	-2.60	-28.50	2804.84	-2429.05	-105.53	481.32	2600.44
1	23	37	48.28	-19.51	3.08	25.69	-31.96	1956.27	-2157.97	-297.36	95.65	2047.72
1	23	38	42.09	-31.76	-15.23	25.57	-30.78	2093.47	-2537.03	-614.57	171.01	2281.69
1	23	39	90.87	-1.83	9.54	79.50	-30.41	1016.23	-1748.23	-642.22	-89.78	1354.35
1	23	40	80.36	-32.44	-27.83	75.75	-22.34	832.01	-2395.38	-1404.29	-159.09	1488.75
1	23	41	242.93	25.25	28.74	239.44	-27.33	115.38	-1159.27	-837.79	-206.10	553.56
1	23	42	176.66	-32.03	-31.17	175.79	-13.37	-187.56	-2056.32	-1891.94	-351.94	529.31
1	23	43	60.93	-62.14	-61.85	60.64	5.95	456.35	-3463.20	-2784.88	-221.96	-1482.76
1	23	44	84.68	-69.46	-68.96	84.18	-8.75	-425.97	-3761.63	-3693.31	-494.29	-472.46
1	23	45	31.10	-54.35	-47.34	24.09	23.45	1954.01	-2939.60	-1276.83	291.24	-2317.79
1	23	46	12.92	-50.02	-36.91	-0.19	25.56	2995.90	-2471.68	-266.79	791.01	-2682.14
1	23	47	0.13	-48.76	-32.02	-16.61	23.20	3573.93	-1919.86	421.69	1232.39	-2716.82
1	23	48	-9.08	-48.24	-29.38	-27.94	19.57	3794.35	-1295.50	895.19	1603.67	-2520.15
1	23	49	-15.69	-47.92	-27.76	-35.85	15.59	3751.94	-630.18	1218.84	1902.91	-2164.20

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	23	50	-20.31	-47.73	-26.70	-41.34	11.59	3519.73	47.32	1435.15	2131.90	-1700.90
1	23	51	-23.30	-47.67	-26.01	-44.96	7.66	3155.02	710.26	1572.12	2293.17	-1168.00
1	23	52	-24.95	-47.69	-25.61	-47.03	3.81	2718.16	1318.43	1647.63	2388.96	-593.65
1	23	53	-25.48	-47.71	-25.48	-47.71		2420.72	1671.73	1671.73	2420.72	
1	23	54	-24.95	-47.69	-25.61	-47.03	-3.81	2718.16	1318.43	1647.63	2388.96	593.65
1	23	55	-23.30	-47.67	-26.01	-44.96	-7.66	3155.02	710.26	1572.12	2293.17	1168.00
1	23	56	-20.31	-47.73	-26.70	-41.34	-11.59	3519.73	47.32	1435.15	2131.90	1700.90
1	23	57	-15.69	-47.92	-27.76	-35.85	-15.59	3751.94	-630.18	1218.84	1902.91	2164.20
1	23	58	-9.08	-48.24	-29.38	-27.94	-19.57	3794.35	-1295.50	895.19	1603.67	2520.15
1	23	59	0.13	-48.76	-32.02	-16.61	-23.20	3573.93	-1919.86	421.69	1232.39	2716.82
1	23	60	12.92	-50.02	-36.91	-0.19	-25.56	2995.90	-2471.68	-266.79	791.01	2682.14
1	23	61	31.10	-54.35	-47.34	24.09	-23.45	1954.01	-2939.60	-1276.83	291.24	2317.79
1	23	62	60.93	-62.14	-61.85	60.64	-5.95	456.35	-3463.20	-2784.88	-221.96	1482.76
1	23	63	84.68	-69.46	-68.96	84.18	8.75	-425.97	-3761.63	-3693.31	-494.29	472.46
1	23	64	34.57	-85.75	-85.11	33.93	-8.77	116.15	-4282.17	-3905.10	-260.93	-1231.39
1	23	65	35.51	-96.11	-92.27	31.67	-22.15	-522.70	-5143.94	-5107.14	-559.49	-410.71
1	23	66	18.65	-73.35	-72.14	17.44	10.50	1472.08	-3013.34	-1871.86	330.59	-1953.72
1	23	67	4.46	-64.79	-59.93	-0.40	17.69	2630.33	-2164.02	-458.29	924.60	-2295.29
1	23	68	-6.69	-58.79	-51.17	-14.31	18.41	3399.17	-1401.69	528.61	1468.88	-2353.94
1	23	69	-15.61	-54.58	-45.49	-24.70	16.48	3811.42	-654.90	1216.52	1940.01	-2203.67
1	23	70	-22.71	-51.33	-41.72	-32.32	13.52	3940.80	78.01	1690.69	2328.12	-1904.92
1	23	71	-28.25	-48.70	-39.19	-37.76	10.20	3855.22	783.88	2009.23	2629.87	-1503.99
1	23	72	-32.43	-46.55	-37.55	-41.42	6.79	3611.37	1445.00	2211.59	2844.78	-1035.88
1	23	73	-35.24	-44.92	-36.62	-43.54	3.38	3267.84	2028.88	2323.38	2973.34	-527.39
1	23	74	-36.32	-44.23	-36.32	-44.23		3016.12	2359.08	2359.08	3016.12	
1	23	75	-35.24	-44.92	-36.62	-43.54	-3.38	3267.84	2028.88	2323.38	2973.34	527.39
1	23	76	-32.43	-46.55	-37.55	-41.42	-6.79	3611.37	1445.00	2211.59	2844.78	1035.88
1	23	77	-28.25	-48.70	-39.19	-37.76	-10.20	3855.22	783.88	2009.23	2629.87	1503.99
1	23	78	-22.71	-51.33	-41.72	-32.32	-13.52	3940.80	78.01	1690.69	2328.12	1904.92
1	23	79	-15.61	-54.58	-45.49	-24.70	-16.48	3811.42	-654.90	1216.52	1940.01	2203.67
1	23	80	-6.69	-58.79	-51.17	-14.31	-18.41	3399.17	-1401.69	528.61	1468.88	2353.94
1	23	81	4.46	-64.79	-59.93	-0.40	-17.69	2630.33	-2164.02	-458.29	924.60	2295.29
1	23	82	18.65	-73.35	-72.14	17.44	-10.50	1472.08	-3013.34	-1871.86	330.59	1953.72
1	23	83	34.57	-85.75	-85.11	33.93	8.77	116.15	-4282.17	-3905.10	-260.93	1231.39
1	23	84	35.51	-96.11	-92.27	31.67	22.15	-522.70	-5143.94	-5107.14	-559.49	410.71
1	23	85	13.13	-103.09	-99.63	9.67	-19.74	-146.81	-5048.23	-4837.94	-357.09	-993.21
1	23	86	6.37	-113.83	-105.38	-2.09	-30.74	-659.47	-6272.39	-6251.90	-679.96	-338.48
1	23	87	5.92	-89.47	-89.42	5.87	-2.10	1032.23	-3149.62	-2407.99	290.60	-1597.30
1	23	88	-3.21	-78.93	-78.19	-3.96	7.48	2208.14	-1923.33	-662.80	947.61	-1902.34
1	23	89	-12.00	-70.65	-68.47	-14.18	11.10	3106.17	-961.32	582.65	1562.20	-1973.89
1	23	90	-19.77	-64.14	-61.03	-22.88	11.33	3675.82	-108.13	1463.18	2104.51	-1864.60
1	23	91	-26.41	-58.99	-55.63	-29.77	9.91	3957.51	676.62	2075.79	2558.34	-1622.61
1	23	92	-31.93	-54.83	-51.82	-34.94	7.73	4007.29	1398.00	2489.85	2915.44	-1287.18
1	23	93	-36.39	-51.42	-49.29	-38.52	5.24	3876.51	2049.37	2753.93	3171.94	-889.34
1	23	94	-39.77	-48.70	-47.84	-40.63	2.63	3614.32	2612.07	2900.17	3326.22	-453.59
1	23	95	-41.32	-47.37	-47.37	-41.32		3377.69	2946.93	2946.93	3377.69	
1	23	96	-39.77	-48.70	-47.84	-40.63	-2.63	3614.32	2612.07	2900.17	3326.22	453.59
1	23	97	-36.39	-51.42	-49.29	-38.52	-5.24	3876.51	2049.37	2753.93	3171.94	889.34
1	23	98	-31.93	-54.83	-51.82	-34.94	-7.73	4007.29	1398.00	2489.85	2915.44	1287.18
1	23	99	-26.41	-58.99	-55.63	-29.77	-9.91	3957.51	676.62	2075.79	2558.34	1622.61
1	23	100	-19.77	-64.14	-61.03	-22.88	-11.33	3675.82	-108.13	1463.18	2104.51	1864.60
1	23	101	-12.00	-70.65	-68.47	-14.18	-11.10	3106.17	-961.32	582.65	1562.20	1973.89
1	23	102	-3.21	-78.93	-78.19	-3.96	-7.48	2208.14	-1923.33	-662.80	947.61	1902.34
1	23	103	5.92	-89.47	-89.42	5.87	2.10	1032.23	-3149.62	-2407.99	290.60	1597.30
1	23	104	13.13	-103.09	-99.63	9.67	19.74	-146.81	-5048.23	-4837.94	-357.09	993.21
1	23	105	6.37	-113.83	-105.38	-2.09	30.74	-659.47	-6272.39	-6251.90	-679.96	338.48
1	23	106	-2.97	-115.92	-108.77	-10.12	-27.51	-335.86	-5682.46	-5572.37	-445.95	-759.28
1	23	107	-12.61	-126.35	-113.29	-25.67	-36.26	-765.99	-7142.48	-7131.59	-776.88	-263.33
1	23	108	-4.98	-102.67	-101.05	-6.61	-12.49	661.13	-3291.59	-2858.16	227.69	-1235.06
1	23	109	-9.98	-91.70	-91.62	-10.06	-2.56	1763.66	-1703.76	-856.84	916.74	-1489.75
1	23	110	-16.13	-82.53	-82.42	-16.25	2.78	2722.20	-551.80	599.01	1571.39	-1563.13
1	23	111	-22.31	-74.99	-74.53	-22.77	4.91	3411.67	388.05	1641.97	2157.75	-1489.65
1	23	112	-27.90	-68.95	-68.29	-28.56	5.15	3826.97	1202.03	2374.28	2654.72	-1304.96
1	23	113	-32.60	-64.27	-63.65	-33.21	4.37	4004.96	1917.11	2872.38	3049.70	-1040.16
1	23	114	-36.18	-60.86	-60.47	-36.58	3.09	3988.00	2538.86	3191.39	3335.47	-720.98
1	23	115	-38.48	-58.73	-58.61	-38.61	1.59	3813.29	3063.38	3368.50	3508.17	-368.40
1	23	116	-39.29	-57.99	-57.99	-39.29		3565.91	3425.20	3425.20	3565.91	
1	23	117	-38.48	-58.73	-58.61	-38.61	-1.59	3813.29	3063.38	3368.50	3508.17	368.40
1	23	118	-36.18	-60.86	-60.47	-36.58	-3.09	3988.00	2538.86	3191.39	3335.47	720.98
1	23	119	-32.60	-64.27	-63.65	-33.21	-4.37	4004.96	1917.11	2872.38	3049.70	1040.16
1	23	120	-27.90	-68.95	-68.29	-28.56	-5.15	3826.97	1202.03	2374.28	2654.72	1304.96
1	23	121	-22.31	-74.99	-74.53	-22.77	-4.91	3411.67	388.05	1641.97	2157.75	1489.65
1	23	122	-16.13	-82.53	-82.42	-16.25	-2.78	2722.20	-551.80	599.01	1571.39	1563.13
1	23	123	-9.98	-91.70	-91.62	-10.06	2.56	1763.66	-1703.76	-856.84	916.74	1489.75

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	23	124	-4.98	-102.67	-101.05	-6.61	12.49	661.13	-3291.59	-2858.16	227.69	1235.06
1	23	125	-2.97	-115.92	-108.77	-10.12	27.51	-335.86	-5682.46	-5572.37	-445.95	759.28
1	23	126	-12.61	-126.35	-113.29	-25.67	36.26	-765.99	-7142.48	-7131.59	-776.88	263.33
1	23	127	-14.86	-125.37	-114.51	-25.73	-32.90	-463.72	-6167.50	-6116.52	-514.70	-536.82
1	23	128	-25.80	-135.20	-118.08	-42.92	-39.75	-842.83	-7775.94	-7770.85	-847.92	-187.89
1	23	129	-13.64	-113.23	-108.77	-18.10	-20.60	383.32	-3426.48	-3209.60	166.43	-882.76
1	23	130	-15.63	-102.63	-101.11	-17.15	-11.40	1354.50	-1511.79	-1023.29	866.00	-1077.74
1	23	131	-19.55	-93.37	-92.97	-19.94	-5.39	2302.22	-172.01	592.16	1538.05	-1143.15
1	23	132	-24.21	-85.46	-85.40	-24.28	-1.94	3070.46	839.26	1762.77	2146.94	-1098.94
1	23	133	-28.81	-79.00	-79.00	-28.81	-0.23	3599.75	1660.04	2591.53	2668.26	-969.10
1	23	134	-32.79	-74.00	-74.00	-32.79	0.43	3899.26	2345.22	3158.51	3085.97	-776.17
1	23	135	-35.83	-70.45	-70.45	-35.83	0.52	4000.38	2912.72	3523.08	3390.02	-539.74
1	23	136	-37.72	-68.33	-68.33	-37.73	0.32	3936.74	3363.74	3725.99	3574.49	-276.31
1	23	137	-38.37	-67.63	-67.63	-38.37		3791.02	3636.29	3791.02	3636.29	
1	23	138	-37.72	-68.33	-68.33	-37.73	-0.32	3936.74	3363.74	3725.99	3574.49	276.31
1	23	139	-35.83	-70.45	-70.45	-35.83	-0.52	4000.38	2912.72	3523.08	3390.02	539.74
1	23	140	-32.79	-74.00	-74.00	-32.79	-0.43	3899.26	2345.22	3158.51	3085.97	776.17
1	23	141	-28.81	-79.00	-79.00	-28.81	0.23	3599.75	1660.04	2591.53	2668.26	969.10
1	23	142	-24.21	-85.46	-85.40	-24.28	1.94	3070.46	839.26	1762.77	2146.94	1098.94
1	23	143	-19.55	-93.37	-92.97	-19.94	5.39	2302.22	-172.01	592.16	1538.05	1143.15
1	23	144	-15.63	-102.63	-101.11	-17.15	11.40	1354.50	-1511.79	-1023.29	866.00	1077.74
1	23	145	-13.64	-113.23	-108.77	-18.10	20.60	383.32	-3426.48	-3209.60	166.43	882.76
1	23	146	-14.86	-125.37	-114.51	-25.73	32.90	-463.72	-6167.50	-6116.52	-514.70	536.82
1	23	147	-25.80	-135.20	-118.08	-42.92	39.75	-842.83	-7775.94	-7770.85	-847.92	187.89
1	23	148	-23.59	-132.13	-117.96	-37.77	-36.57	-543.60	-6499.69	-6481.71	-561.57	-326.71
1	23	149	-35.24	-141.23	-120.80	-55.67	-41.81	-891.63	-8193.86	-8192.09	-893.40	-113.83
1	23	150	-20.21	-121.42	-113.71	-27.91	-26.83	198.34	-3538.35	-3456.95	116.94	-545.47
1	23	151	-20.13	-111.61	-107.55	-24.19	-18.84	1024.00	-1360.39	-1150.36	813.97	-675.78
1	23	152	-22.40	-102.65	-100.54	-24.52	-12.85	1888.63	173.22	573.91	1487.94	-725.80
1	23	153	-25.94	-94.73	-93.62	-27.05	-8.64	2686.48	1251.69	1834.74	2103.43	-704.70
1	23	154	-29.85	-88.04	-87.46	-30.42	-5.76	3311.94	2055.76	2733.39	2634.31	-626.13
1	23	155	-33.45	-82.74	-82.46	-33.74	-3.76	3731.24	2682.26	3351.19	3062.31	-504.21
1	23	156	-36.31	-78.92	-78.80	-36.43	-2.28	3961.13	3163.93	3749.76	3375.30	-351.89
1	23	157	-38.13	-76.62	-76.59	-38.16	-1.08	4040.67	3497.16	3972.06	3565.78	-180.52
1	23	158	-38.75	-75.84	-75.84	-38.75		4043.37	3629.69	4043.37	3629.69	
1	23	159	-38.13	-76.62	-76.59	-38.16	1.08	4040.67	3497.16	3972.06	3565.78	180.52
1	23	160	-36.31	-78.92	-78.80	-36.43	2.28	3961.13	3163.93	3749.76	3375.30	351.89
1	23	161	-33.45	-82.74	-82.46	-33.74	3.76	3731.24	2682.26	3351.19	3062.31	504.21
1	23	162	-29.85	-88.04	-87.46	-30.42	5.76	3311.94	2055.76	2733.39	2634.31	626.13
1	23	163	-25.94	-94.73	-93.62	-27.05	8.64	2686.48	1251.69	1834.74	2103.43	704.70
1	23	164	-22.40	-102.65	-100.54	-24.52	12.85	1888.63	173.22	573.91	1487.94	725.80
1	23	165	-20.13	-111.61	-107.55	-24.19	18.84	1024.00	-1360.39	-1150.36	813.97	675.78
1	23	166	-20.21	-121.42	-113.71	-27.91	26.83	198.34	-3538.35	-3456.95	116.94	545.47
1	23	167	-23.59	-132.13	-117.96	-37.77	36.57	-543.60	-6499.69	-6481.71	-561.57	326.71
1	23	168	-35.24	-141.23	-120.80	-55.67	41.81	-891.63	-8193.86	-8192.09	-893.40	113.83
1	23	169	-29.83	-136.62	-119.69	-46.75	-39.00	-584.67	-6681.70	-6679.02	-587.35	-127.83
1	23	170	-41.91	-144.90	-122.00	-64.80	-42.82	-915.11	-8413.54	-8413.30	-915.34	-42.11
1	23	171	-24.93	-127.49	-116.57	-35.86	-31.64	95.98	-3613.41	-3599.85	82.42	-223.86
1	23	172	-23.49	-118.69	-111.57	-30.61	-25.04	809.83	-1272.06	-1231.44	769.22	-287.93
1	23	173	-24.73	-110.25	-105.57	-29.41	-19.46	1537.74	449.93	552.61	1435.06	-318.04
1	23	174	-27.62	-102.46	-99.38	-30.71	-14.88	2283.44	1627.63	1865.32	2045.75	-315.25
1	23	175	-31.24	-95.64	-93.66	-33.22	-11.12	2996.96	2383.38	2805.45	2574.89	-284.31
1	23	176	-34.84	-90.04	-88.88	-36.00	-7.94	3551.59	2905.62	3454.02	3003.19	-231.32
1	23	177	-37.84	-85.86	-85.31	-38.39	-5.13	3917.46	3273.36	3873.44	3317.38	-162.53
1	23	178	-39.83	-83.26	-83.11	-39.98	-2.52	4119.18	3497.51	4107.70	3508.98	-83.69
1	23	179	-40.53	-82.37	-82.37	-40.53		4182.91	3573.35	4182.91	3573.35	
1	23	180	-39.83	-83.26	-83.11	-39.98	2.52	4119.18	3497.51	4107.70	3508.98	83.69
1	23	181	-37.84	-85.86	-85.31	-38.39	5.13	3917.46	3273.36	3873.44	3317.38	162.53
1	23	182	-34.84	-90.04	-88.88	-36.00	7.94	3551.59	2905.62	3454.02	3003.19	231.32
1	23	183	-31.24	-95.64	-93.66	-33.22	11.12	2996.96	2383.38	2805.45	2574.89	284.31
1	23	184	-27.62	-102.46	-99.38	-30.71	14.88	2283.44	1627.63	1865.32	2045.75	315.25
1	23	185	-24.73	-110.25	-105.57	-29.41	19.46	1537.74	449.93	552.61	1435.06	318.04
1	23	186	-23.49	-118.69	-111.57	-30.61	25.04	809.83	-1272.06	-1231.44	769.22	287.93
1	23	187	-24.93	-127.49	-116.57	-35.86	31.64	95.98	-3613.41	-3599.85	82.42	223.86
1	23	188	-29.83	-136.62	-119.69	-46.75	39.00	-584.67	-6681.70	-6679.02	-587.35	127.83
1	23	189	-41.91	-144.90	-122.00	-64.80	42.82	-915.11	-8413.54	-8413.30	-915.34	42.11
1	23	190	-33.94	-139.11	-120.02	-53.02	-40.54	-592.85	-6718.26	-6717.64	-593.47	61.61
1	23	191	-46.27	-146.43	-121.93	-70.78	-43.06	-915.52	-8447.66	-8447.57	-915.61	26.82
1	23	192	-27.97	-131.67	-117.70	-41.94	-35.40	64.87	-3642.42	-3640.54	62.99	83.48
1	23	193	-25.74	-123.98	-113.58	-36.14	-30.23	737.84	-1267.62	-1264.01	734.23	84.94
1	23	194	-26.49	-116.19	-108.41	-34.27	-25.24	1391.58	526.18	533.02	1384.74	76.64
1	23	195	-29.22	-108.64	-102.92	-34.95	-20.54	2009.44	1832.18	1859.63	1981.99	64.13
1	23	196	-32.98	-101.73	-97.72	-37.00	-16.13	2820.13	2492.36	2812.15	2500.33	50.50
1	23	197	-36.95	-95.80	-93.27	-39.48	-11.94	3472.94	2918.11	3470.45	2920.60	37.11

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	23	198	-40.43	-91.17	-89.91	-41.69	-7.89	3897.53	3228.46	3896.65	3229.34	24.31
1	23	199	-42.85	-88.17	-87.83	-43.19	-3.93	4135.05	3417.61	4134.85	3417.81	12.02
1	23	200	-43.72	-87.12	-87.12	-43.72		4211.34	3481.16	4211.34	3481.16	
1	23	201	-42.85	-88.17	-87.83	-43.19	3.93	4135.05	3417.61	4134.85	3417.81	-12.02
1	23	202	-40.43	-91.17	-89.91	-41.69	7.89	3897.53	3228.46	3896.65	3229.34	-24.31
1	23	203	-36.95	-95.80	-93.27	-39.48	11.94	3472.94	2918.11	3470.45	2920.60	-37.11
1	23	204	-32.98	-101.73	-97.72	-37.00	16.13	2820.13	2492.36	2812.15	2500.33	-50.50
1	23	205	-29.22	-108.64	-102.92	-34.95	20.54	2009.44	1832.18	1859.63	1981.99	-64.13
1	23	206	-26.49	-116.19	-108.41	-34.27	25.24	1391.58	526.18	533.02	1384.74	-76.64
1	23	207	-25.74	-123.98	-113.58	-36.14	30.23	737.84	-1267.62	-1264.01	734.23	-84.94
1	23	208	-27.97	-131.67	-117.70	-41.94	35.40	64.87	-3642.42	-3640.54	62.99	-83.48
1	23	209	-33.94	-139.11	-120.02	-53.02	40.54	-592.85	-6718.26	-6717.64	-593.47	-61.61
1	23	210	-46.27	-146.43	-121.93	-70.78	43.06	-915.52	-8447.66	-8447.57	-915.61	-26.82
1	23	211	-36.10	-139.76	-119.06	-56.80	-41.44	-571.84	-6614.36	-6604.55	-581.65	243.24
1	23	212	-48.49	-145.98	-120.66	-73.82	-42.75	-894.59	-8304.67	-8303.51	-895.74	92.57
1	23	213	-29.44	-134.10	-117.31	-46.23	-38.41	95.61	-3621.56	-3582.66	56.71	378.25
1	23	214	-26.90	-127.63	-113.84	-40.70	-34.63	802.72	-1344.26	-1248.65	707.11	442.87
1	23	215	-27.66	-120.58	-109.34	-38.90	-30.31	1538.99	313.20	516.68	1335.52	456.09
1	23	216	-30.68	-113.37	-104.47	-39.58	-25.62	2297.77	1433.86	1820.31	1911.33	429.55
1	23	217	-34.98	-106.42	-99.81	-41.59	-20.70	2995.18	2171.74	2756.45	2410.47	373.61
1	23	218	-39.68	-100.14	-95.78	-44.04	-15.63	3526.91	2691.36	3403.36	2814.90	296.59
1	23	219	-43.99	-94.97	-92.72	-46.24	-10.47	3877.05	3056.91	3822.05	3111.91	205.15
1	23	220	-47.11	-91.43	-90.80	-47.74	-5.25	4070.08	3279.08	4055.96	3293.20	104.73
1	23	221	-48.26	-90.15	-90.15	-48.26		4131.05	3354.13	4131.05	3354.13	
1	23	222	-47.11	-91.43	-90.80	-47.74	5.25	4070.08	3279.08	4055.96	3293.20	-104.73
1	23	223	-43.99	-94.97	-92.72	-46.24	10.47	3877.05	3056.91	3822.05	3111.91	-205.15
1	23	224	-39.68	-100.14	-95.78	-44.04	15.63	3526.91	2691.36	3403.36	2814.90	-296.59
1	23	225	-34.98	-106.42	-99.81	-41.59	20.70	2995.18	2171.74	2756.45	2410.47	-373.61
1	23	226	-30.68	-113.37	-104.47	-39.58	25.62	2297.77	1433.86	1820.31	1911.33	-429.55
1	23	227	-27.66	-120.58	-109.34	-38.90	30.31	1538.99	313.20	516.68	1335.52	-456.09
1	23	228	-26.90	-127.63	-113.84	-40.70	34.63	802.72	-1344.26	-1248.65	707.11	-442.87
1	23	229	-29.44	-134.10	-117.31	-46.23	38.41	95.61	-3621.56	-3582.66	56.71	-378.25
1	23	230	-36.10	-139.76	-119.06	-56.80	41.44	-571.84	-6614.36	-6604.55	-581.65	-243.24
1	23	231	-48.49	-145.98	-120.66	-73.82	42.75	-894.59	-8304.67	-8303.51	-895.74	-92.57
1	23	232	-36.37	-138.64	-116.80	-58.21	-41.92	-524.04	-6375.04	-6345.05	-554.03	417.83
1	23	233	-48.59	-143.57	-118.15	-74.01	-42.05	-853.74	-7989.61	-7986.26	-857.09	154.59
1	23	234	-29.40	-134.87	-115.44	-48.83	-40.88	180.65	-3551.95	-3430.98	59.68	660.98
1	23	235	-27.02	-129.74	-112.47	-44.29	-38.42	967.71	-1474.25	-1188.52	681.98	784.93
1	23	236	-28.23	-123.56	-108.54	-43.26	-34.74	1796.25	-14.18	502.30	1279.77	817.50
1	23	237	-31.95	-116.80	-104.27	-44.47	-30.10	2563.94	1008.46	1747.65	1824.75	776.78
1	23	238	-37.14	-109.90	-100.18	-46.86	-24.76	3169.18	1765.89	2639.83	2295.24	680.16
1	23	239	-42.89	-103.31	-96.64	-49.56	-18.93	3580.24	2350.02	3254.97	2675.29	542.54
1	23	240	-48.34	-97.53	-93.94	-51.92	-12.78	3816.55	2789.51	3652.28	2953.78	376.46
1	23	241	-52.47	-93.30	-92.26	-53.51	-6.44	3920.41	3077.01	3873.90	3123.52	192.53
1	23	242	-54.06	-91.69	-91.69	-54.06		3944.98	3180.53	3944.98	3180.53	
1	23	243	-52.47	-93.30	-92.26	-53.51	6.44	3920.41	3077.01	3873.90	3123.52	-192.53
1	23	244	-48.34	-97.53	-93.94	-51.92	12.78	3816.55	2789.51	3652.28	2953.78	-376.46
1	23	245	-42.89	-103.31	-96.64	-49.56	18.93	3580.24	2350.02	3254.97	2675.29	-542.54
1	23	246	-37.14	-109.90	-100.18	-46.86	24.76	3169.18	1765.89	2639.83	2295.24	-680.16
1	23	247	-31.95	-116.80	-104.27	-44.47	30.10	2563.94	1008.46	1747.65	1824.75	-776.78
1	23	248	-28.23	-123.56	-108.54	-43.26	34.74	1796.25	-14.18	502.30	1279.77	-817.50
1	23	249	-27.02	-129.74	-112.47	-44.29	38.42	967.71	-1474.25	-1188.52	681.98	-784.93
1	23	250	-29.40	-134.87	-115.44	-48.83	40.88	180.65	-3551.95	-3430.98	59.68	-660.98
1	23	251	-36.37	-138.64	-116.80	-58.21	41.92	-524.04	-6375.04	-6345.05	-554.03	-417.83
1	23	252	-48.59	-143.57	-118.15	-74.01	42.05	-853.74	-7989.61	-7986.26	-857.09	-154.59
1	23	253	-34.75	-135.73	-113.12	-57.36	-42.09	-451.34	-6005.91	-5943.70	-513.55	584.53
1	23	254	-46.44	-139.16	-114.24	-71.36	-41.10	-794.43	-7505.48	-7498.79	-801.12	211.73
1	23	255	-27.94	-134.00	-112.07	-49.87	-42.95	312.29	-3438.43	-3191.75	65.62	929.71
1	23	256	-26.18	-130.37	-109.53	-47.02	-41.68	1187.43	-1627.94	-1089.21	648.69	1107.48
1	23	257	-28.27	-125.24	-106.17	-47.35	-38.55	2054.82	-365.17	486.11	1203.54	1155.60
1	23	258	-33.03	-119.12	-102.55	-49.60	-33.94	2772.51	572.50	1640.03	1704.98	1099.52
1	23	259	-39.38	-112.45	-99.11	-52.72	-28.23	3276.17	1321.08	2462.57	2134.68	963.70
1	23	260	-46.42	-105.67	-96.17	-55.92	-21.74	3569.88	1936.96	3027.09	2479.75	769.23
1	23	261	-53.25	-99.29	-93.94	-58.59	-14.75	3688.25	2433.46	3390.23	2731.49	533.98
1	23	262	-58.72	-94.19	-92.56	-60.35	-7.44	3685.32	2791.31	3592.15	2884.48	273.15
1	23	263	-60.96	-92.09	-92.09	-60.96		3656.81	2935.78	3656.81	2935.78	
1	23	264	-58.72	-94.19	-92.56	-60.35	7.44	3685.32	2791.31	3592.15	2884.48	-273.15
1	23	265	-53.25	-99.29	-93.94	-58.59	14.75	3688.25	2433.46	3390.23	2731.49	-533.98
1	23	266	-46.42	-105.67	-96.17	-55.92	21.74	3569.88	1936.96	3027.09	2479.75	-769.23
1	23	267	-39.38	-112.45	-99.11	-52.72	28.23	3276.17	1321.08	2462.57	2134.68	-963.70
1	23	268	-33.03	-119.12	-102.55	-49.60	33.94	2772.51	572.50	1640.03	1704.98	-1099.52
1	23	269	-28.27	-125.24	-106.17	-47.35	38.55	2054.82	-365.17	486.11	1203.54	-1155.60
1	23	270	-26.18	-130.37	-109.53	-47.02	41.68	1187.43	-1627.94	-1089.21	648.69	-1107.48
1	23	271	-27.94	-134.00	-112.07	-49.87	42.95	312.29	-3438.43	-3191.75	65.62	-929.71

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	23	272	-34.75	-135.73	-113.12	-57.36	42.09	-451.34	-6005.91	-5943.70	-513.55	-584.53
1	23	273	-46.44	-139.16	-114.24	-71.36	41.10	-794.43	-7505.48	-7498.79	-801.12	-211.73
1	23	274	-31.27	-130.89	-107.80	-54.35	-42.03	-356.09	-5514.44	-5406.01	-464.51	739.95
1	23	275	-41.86	-132.57	-108.66	-65.77	-39.96	-718.72	-6855.12	-6843.92	-729.92	261.92
1	23	276	-25.18	-131.41	-107.07	-49.52	-44.64	479.35	-3287.87	-2873.64	65.12	1178.52
1	23	277	-24.57	-129.50	-105.04	-49.03	-44.37	1419.02	-1786.03	-958.93	591.93	1402.42
1	23	278	-27.96	-125.68	-102.37	-51.26	-41.65	2267.70	-719.80	462.19	1085.70	1460.85
1	23	279	-34.04	-120.48	-99.58	-54.94	-37.01	2898.02	122.16	1494.43	1525.75	1387.84
1	23	280	-41.74	-114.34	-96.99	-59.09	-30.96	3287.14	835.59	2224.42	1898.31	1214.88
1	23	281	-50.15	-107.64	-94.81	-62.97	-23.93	3462.11	1454.13	2721.71	2194.53	968.77
1	23	282	-58.46	-100.81	-93.19	-66.08	-16.26	3466.55	1981.95	3039.52	2408.98	672.02
1	23	283	-65.54	-94.73	-92.19	-68.07	-8.22	3359.24	2394.76	3215.36	2538.63	343.60
1	23	284	-68.76	-91.86	-91.86	-68.76		3271.51	2581.99	3271.51	2581.99	
1	23	285	-65.54	-94.73	-92.19	-68.07	8.22	3359.24	2394.76	3215.36	2538.63	-343.60
1	23	286	-58.46	-100.81	-93.19	-66.08	16.26	3466.55	1981.95	3039.52	2408.98	-672.02
1	23	287	-50.15	-107.64	-94.81	-62.97	23.93	3462.11	1454.13	2721.71	2194.53	-968.77
1	23	288	-41.74	-114.34	-96.99	-59.09	30.96	3287.14	835.59	2224.42	1898.31	-1214.88
1	23	289	-34.04	-120.48	-99.58	-54.94	37.01	2898.02	122.16	1494.43	1525.75	-1387.84
1	23	290	-27.96	-125.68	-102.37	-51.26	41.65	2267.70	-719.80	462.19	1085.70	-1460.85
1	23	291	-24.57	-129.50	-105.04	-49.03	44.37	1419.02	-1786.03	-958.93	591.93	-1402.42
1	23	292	-25.18	-131.41	-107.07	-49.52	44.64	479.35	-3287.87	-2873.64	65.12	-1178.52
1	23	293	-31.27	-130.89	-107.80	-54.35	42.03	-356.09	-5514.44	-5406.01	-464.51	-739.95
1	23	294	-41.86	-132.57	-108.66	-65.77	39.96	-718.72	-6855.12	-6843.92	-729.92	-261.92
1	23	295	-26.01	-123.87	-100.53	-49.34	-41.70	-242.50	-4911.89	-4740.91	-413.48	877.00
1	23	296	-34.65	-123.51	-101.02	-57.14	-38.64	-630.00	-6044.07	-6027.21	-646.86	301.71
1	23	297	-21.42	-126.90	-100.28	-48.04	-45.82	662.55	-3107.16	-2489.05	44.45	1395.72
1	23	298	-22.53	-127.01	-99.00	-50.54	-46.28	1618.63	-1937.60	-808.83	489.85	1655.31
1	23	299	-27.62	-124.85	-97.36	-55.11	-43.78	2393.77	-1074.23	422.90	896.64	1717.75
1	23	300	-35.28	-120.95	-95.72	-60.51	-39.05	2905.81	-347.95	1307.20	1250.65	1626.64
1	23	301	-44.41	-115.75	-94.28	-65.87	-32.72	3167.69	301.83	1925.41	1544.12	1420.19
1	23	302	-54.14	-109.55	-93.14	-70.55	-25.30	3222.95	892.19	2341.89	1773.25	1130.17
1	23	303	-63.79	-102.68	-92.33	-74.15	-17.19	3122.32	1419.88	2605.44	1936.75	782.81
1	23	304	-72.50	-95.74	-91.84	-76.40	-8.68	2928.97	1855.81	2750.18	2034.60	399.88
1	23	305	-77.16	-91.68	-91.68	-77.16		2796.21	2067.15	2796.21	2067.15	
1	23	306	-72.50	-95.74	-91.84	-76.40	8.68	2928.97	1855.81	2750.18	2034.60	-399.88
1	23	307	-63.79	-102.68	-92.33	-74.15	17.19	3122.32	1419.88	2605.44	1936.75	-782.81
1	23	308	-54.14	-109.55	-93.14	-70.55	25.30	3222.95	892.19	2341.89	1773.25	-1130.17
1	23	309	-44.41	-115.75	-94.28	-65.87	32.72	3167.69	301.83	1925.41	1544.12	-1420.19
1	23	310	-35.28	-120.95	-95.72	-60.51	39.05	2905.81	-347.95	1307.20	1250.65	-1626.64
1	23	311	-27.62	-124.85	-97.36	-55.11	43.78	2393.77	-1074.23	422.90	896.64	-1717.75
1	23	312	-22.53	-127.01	-99.00	-50.54	46.28	1618.63	-1937.60	-808.83	489.85	-1655.31
1	23	313	-21.42	-126.90	-100.28	-48.04	45.82	662.55	-3107.16	-2489.05	44.45	-1395.72
1	23	314	-26.01	-123.87	-100.53	-49.34	41.70	-242.50	-4911.89	-4740.91	-413.48	-877.00
1	23	315	-34.65	-123.51	-101.02	-57.14	38.64	-630.00	-6044.07	-6027.21	-646.86	-301.71
1	23	316	-19.30	-114.27	-90.91	-42.66	-40.89	-119.21	-4215.71	-3964.29	-370.63	983.22
1	23	317	-24.64	-111.51	-90.77	-45.38	-37.03	-534.22	-5084.94	-5061.48	-557.68	325.90
1	23	318	-17.18	-120.14	-91.51	-45.80	-46.13	829.21	-2901.23	-2055.91	-16.12	1561.69
1	23	319	-20.66	-122.66	-91.53	-51.80	-46.97	1735.14	-2075.82	-653.06	312.38	1843.32
1	23	320	-27.84	-122.61	-91.47	-58.98	-44.51	2384.95	-1428.66	359.58	596.71	1903.11
1	23	321	-37.27	-120.51	-91.50	-66.28	-39.66	2751.84	-844.96	1075.10	831.78	1794.28
1	23	322	-47.83	-116.75	-91.66	-72.92	-33.16	2876.93	-292.72	1566.95	1017.25	1560.81
1	23	323	-58.71	-111.61	-91.91	-78.42	-25.58	2816.36	232.16	1892.87	1155.65	1238.41
1	23	324	-69.33	-105.33	-92.16	-82.49	-17.34	2628.00	718.80	2096.11	1250.69	855.91
1	23	325	-79.18	-98.16	-92.35	-84.99	-8.75	2383.43	1129.06	2206.47	1306.02	436.64
1	23	326	-85.83	-92.42	-92.42	-85.83		2241.35	1324.16	2241.35	1324.16	
1	23	327	-79.18	-98.16	-92.35	-84.99	8.75	2383.43	1129.06	2206.47	1306.02	-436.64
1	23	328	-69.33	-105.33	-92.16	-82.49	17.34	2628.00	718.80	2096.11	1250.69	-855.91
1	23	329	-58.71	-111.61	-91.91	-78.42	25.58	2816.36	232.16	1892.87	1155.65	-1238.41
1	23	330	-47.83	-116.75	-91.66	-72.92	33.16	2876.93	-292.72	1566.95	1017.25	-1560.81
1	23	331	-37.27	-120.51	-91.50	-66.28	39.66	2751.84	-844.96	1075.10	831.78	-1794.28
1	23	332	-27.84	-122.61	-91.47	-58.98	44.51	2384.95	-1428.66	359.58	596.71	-1903.11
1	23	333	-20.66	-122.66	-91.53	-51.80	46.97	1735.14	-2075.82	-653.06	312.38	-1843.32
1	23	334	-17.18	-120.14	-91.51	-45.80	46.13	829.21	-2901.23	-2055.91	-16.12	-1561.69
1	23	335	-19.30	-114.27	-90.91	-42.66	40.89	-119.21	-4215.71	-3964.29	-370.63	-983.22
1	23	336	-24.64	-111.51	-90.77	-45.38	37.03	-534.22	-5084.94	-5061.48	-557.68	-325.90
1	23	337	-11.93	-101.51	-78.51	-34.93	-39.13	-3.60	-3452.18	-3104.20	-351.58	1038.73
1	23	338	-12.02	-95.89	-77.28	-30.62	-34.85	-441.48	-4004.17	-3973.86	-471.80	327.23
1	23	339	-13.40	-110.59	-80.72	-43.27	-44.84	928.39	-2671.69	-1599.30	-144.00	1646.41
1	23	340	-19.87	-116.06	-82.92	-53.01	-45.71	1706.92	-2195.66	-508.52	19.78	1933.32
1	23	341	-29.49	-118.72	-85.27	-62.94	-43.19	2184.89	-1786.24	263.64	135.01	1984.53
1	23	342	-40.83	-118.99	-87.68	-72.14	-38.30	2386.60	-1381.96	796.47	208.17	1861.18
1	23	343	-52.78	-117.23	-90.00	-80.01	-31.84	2374.59	-972.98	1153.25	248.36	1611.48
1	23	344	-64.56	-113.76	-92.07	-86.24	-24.43	2215.70	-566.10	1383.60	265.99	1273.71
1	23	345	-75.65	-108.77	-93.71	-90.71	-16.49	1975.87	-181.12	1523.93	270.81	877.82

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	23	346	-85.75	-102.40	-94.76	-93.39	-8.30	1735.22	134.05	1598.78	270.49	447.04
1	23	347	-94.29	-95.12	-95.12	-94.29		1622.20	269.84	1622.20	269.84	
1	23	348	-85.75	-102.40	-94.76	-93.39	8.30	1735.22	134.05	1598.78	270.49	-447.04
1	23	349	-75.65	-108.77	-93.71	-90.71	16.49	1975.87	-181.12	1523.93	270.81	-877.82
1	23	350	-64.56	-113.76	-92.07	-86.24	24.43	2215.70	-566.10	1383.60	265.99	-1273.71
1	23	351	-52.78	-117.23	-90.00	-80.01	31.84	2374.59	-972.98	1153.25	248.36	-1611.48
1	23	352	-40.83	-118.99	-87.68	-72.14	38.30	2386.60	-1381.96	796.47	208.17	-1861.18
1	23	353	-29.49	-118.72	-85.27	-62.94	43.19	2184.89	-1786.24	263.64	135.01	-1984.53
1	23	354	-19.87	-116.06	-82.92	-53.01	45.71	1706.92	-2195.66	-508.52	19.78	-1933.32
1	23	355	-13.40	-110.59	-80.72	-43.27	44.84	928.39	-2671.69	-1599.30	-144.00	-1646.41
1	23	356	-11.93	-101.51	-78.51	-34.93	39.13	-3.60	-3452.18	-3104.20	-351.58	-1038.73
1	23	357	-12.02	-95.89	-77.28	-30.62	34.85	-441.48	-4004.17	-3973.86	-471.80	-327.23
1	23	358	-5.44	-84.90	-63.12	-27.23	-35.44	72.75	-2658.48	-2207.98	-377.75	1013.65
1	23	359	1.97	-75.86	-59.99	-13.89	-31.36	-367.62	-2852.98	-2817.09	-403.51	296.49
1	23	360	-11.46	-97.58	-68.22	-40.81	-40.82	890.44	-2416.81	-1152.57	-373.80	1607.13
1	23	361	-21.41	-106.76	-73.90	-54.26	-41.53	1464.80	-2294.83	-393.55	-436.49	1879.69
1	23	362	-33.77	-112.83	-79.69	-66.91	-39.01	1736.05	-2159.64	127.86	-551.45	1918.00
1	23	363	-47.11	-116.06	-85.29	-77.88	-34.28	1769.11	-1992.65	472.80	-696.35	1787.73
1	23	364	-60.34	-116.89	-90.45	-86.78	-28.22	1643.56	-1799.37	693.06	-848.87	1539.17
1	23	365	-72.73	-115.68	-94.86	-93.55	-21.47	1433.85	-1594.08	828.57	-988.80	1210.95
1	23	366	-83.84	-112.64	-98.21	-98.27	-14.40	1207.27	-1399.86	907.44	-1100.03	831.75
1	23	367	-93.46	-107.91	-100.31	-101.06	-7.22	1029.16	-1252.42	947.95	-1171.21	422.72
1	23	368	-101.02	-101.98	-101.02	-101.98		960.35	-1195.67	960.35	-1195.67	
1	23	369	-93.46	-107.91	-100.31	-101.06	7.22	1029.16	-1252.42	947.95	-1171.21	-422.72
1	23	370	-83.84	-112.64	-98.21	-98.27	14.40	1207.27	-1399.86	907.44	-1100.03	-831.75
1	23	371	-72.73	-115.68	-94.86	-93.55	21.47	1433.85	-1594.08	828.57	-988.80	-1210.95
1	23	372	-60.34	-116.89	-90.45	-86.78	28.22	1643.56	-1799.37	693.06	-848.87	-1539.17
1	23	373	-47.11	-116.06	-85.29	-77.88	34.28	1769.11	-1992.65	472.80	-696.35	-1787.73
1	23	374	-33.77	-112.83	-79.69	-66.91	39.01	1736.05	-2159.64	127.86	-551.45	-1918.00
1	23	375	-21.41	-106.76	-73.90	-54.26	41.53	1464.80	-2294.83	-393.55	-436.49	-1879.69
1	23	376	-11.46	-97.58	-68.22	-40.81	40.82	890.44	-2416.81	-1152.57	-373.80	-1607.13
1	23	377	-5.44	-84.90	-63.12	-27.23	35.44	72.75	-2658.48	-2207.98	-377.75	-1013.65
1	23	378	1.97	-75.86	-59.99	-13.89	31.36	-367.62	-2852.98	-2817.09	-403.51	-296.49
1	23	379	-2.18	-63.65	-45.26	-20.57	-28.15	60.66	-1880.40	-1351.38	-468.36	864.29
1	23	380	13.11	-51.02	-39.17	1.26	-24.89	-317.98	-1722.73	-1685.61	-355.11	225.34
1	23	381	-13.05	-80.47	-55.14	-38.37	-32.65	636.92	-2131.67	-757.25	-737.51	1384.26
1	23	382	-26.93	-94.35	-65.71	-55.57	-33.32	947.30	-2386.57	-327.68	-1111.58	1620.20
1	23	383	-42.27	-104.44	-75.99	-70.72	-30.97	1008.48	-2602.65	-52.70	-1541.47	1644.98
1	23	384	-57.62	-111.25	-85.78	-83.09	-26.78	913.98	-2781.12	110.97	-1978.11	1523.94
1	23	385	-71.87	-115.34	-94.53	-92.67	-21.71	746.88	-2925.48	202.65	-2381.25	1304.77
1	23	386	-84.40	-117.09	-101.77	-99.72	-16.32	568.18	-3038.43	250.61	-2720.87	1022.00
1	23	387	-94.90	-116.76	-107.13	-104.53	-10.85	417.82	-3120.53	273.54	-2976.26	699.78
1	23	388	-103.24	-114.50	-110.42	-107.32	-5.41	319.57	-3170.76	283.08	-3134.27	354.99
1	23	389	-108.23	-111.52	-111.52	-108.23		285.59	-3187.70	285.59	-3187.70	
1	23	390	-103.24	-114.50	-110.42	-107.32	5.41	319.57	-3170.76	283.08	-3134.27	-354.99
1	23	391	-94.90	-116.76	-107.13	-104.53	10.85	417.82	-3120.53	273.54	-2976.26	-699.78
1	23	392	-84.40	-117.09	-101.77	-99.72	16.32	568.18	-3038.43	250.61	-2720.87	-1022.00
1	23	393	-71.87	-115.34	-94.53	-92.67	21.71	746.88	-2925.48	202.65	-2381.25	-1304.77
1	23	394	-57.62	-111.25	-85.78	-83.09	26.78	913.98	-2781.12	110.97	-1978.11	-1523.94
1	23	395	-42.27	-104.44	-75.99	-70.72	30.97	1008.48	-2602.65	-52.70	-1541.47	-1644.98
1	23	396	-26.93	-94.35	-65.71	-55.57	33.32	947.30	-2386.57	-327.68	-1111.58	-1620.20
1	23	397	-13.05	-80.47	-55.14	-38.37	32.65	636.92	-2131.67	-757.25	-737.51	-1384.26
1	23	398	-2.18	-63.65	-45.26	-20.57	28.15	60.66	-1880.40	-1351.38	-468.36	-864.29
1	23	399	13.11	-51.02	-39.17	1.26	24.89	-317.98	-1722.73	-1685.61	-355.11	-225.34
1	23	400	-3.88	-37.65	-27.07	-14.46	-15.66	-71.79	-1150.23	-651.19	-570.83	537.72
1	23	401	12.93	-23.38	-17.71	7.27	-13.18	-250.91	-774.54	-749.68	-275.77	111.35
1	23	402	-20.35	-59.20	-43.15	-36.40	-19.13	129.40	-1814.01	-458.18	-1226.43	892.56
1	23	403	-38.58	-77.80	-59.51	-56.87	-19.56	170.51	-2555.44	-325.00	-2059.93	1051.29
1	23	404	-57.09	-92.63	-75.90	-73.82	-17.74	101.16	-3307.41	-272.30	-2933.96	1064.64
1	23	405	-73.99	-104.14	-91.13	-87.00	-14.93	-11.53	-4017.87	-269.18	-3760.22	982.77
1	23	406	-88.16	-112.92	-104.21	-96.87	-11.82	-128.40	-4644.40	-290.03	-4482.77	838.93
1	23	407	-99.06	-119.51	-114.61	-103.96	-8.72	-229.47	-5156.74	-318.34	-5067.87	655.73
1	23	408	-106.60	-124.22	-122.11	-108.71	-5.72	-305.39	-5534.68	-344.12	-5495.95	448.38
1	23	409	-110.93	-127.14	-126.63	-111.44	-2.83	-352.03	-5765.81	-361.59	-5756.25	227.29
1	23	410	-112.33	-128.13	-128.13	-112.33		-367.73	-5843.54	-367.73	-5843.54	
1	23	411	-110.93	-127.14	-126.63	-111.44	2.83	-352.03	-5765.81	-361.59	-5756.25	-227.29
1	23	412	-106.60	-124.22	-122.11	-108.71	5.72	-305.39	-5534.68	-344.12	-5495.95	-448.38
1	23	413	-99.06	-119.51	-114.61	-103.96	8.72	-229.47	-5156.74	-318.34	-5067.87	-655.73
1	23	414	-88.16	-112.92	-104.21	-96.87	11.82	-128.40	-4644.40	-290.03	-4482.77	-838.93
1	23	415	-73.99	-104.14	-91.13	-87.00	14.93	-11.53	-4017.87	-269.18	-3760.22	-982.77
1	23	416	-57.09	-92.63	-75.90	-73.82	17.74	101.16	-3307.41	-272.30	-2933.96	-1064.64
1	23	417	-38.58	-77.80	-59.51	-56.87	19.56	170.51	-2555.44	-325.00	-2059.93	-1051.29
1	23	418	-20.35	-59.20	-43.15	-36.40	19.13	129.40	-1814.01	-458.18	-1226.43	-892.56
1	23	419	-3.88	-37.65	-27.07	-14.46	15.66	-71.79	-1150.23	-651.19	-570.83	-537.72

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
1	23	420	12.93	-23.38	-17.71	7.27	13.18	-250.91	-774.54	-749.68	-275.77	-111.35
1	23	421	-0.75	-16.91	-7.61	-10.06	-7.98	-262.42	-666.24	-322.76	-605.90	143.96
1	23	422	11.46	-1.37	2.17	7.92	-5.73	-183.32	-341.23	-312.80	-211.75	-60.68
1	23	423	-21.17	-43.52	-29.93	-34.76	-10.91	-265.26	-1560.10	-329.67	-1495.69	281.53
1	23	424	-46.09	-68.21	-56.82	-57.47	-11.06	-293.32	-2664.95	-348.53	-2609.74	357.61
1	23	425	-68.93	-89.38	-82.55	-75.76	-9.64	-355.00	-3788.69	-398.21	-3745.48	382.75
1	23	426	-86.27	-107.84	-104.50	-89.61	-7.81	-436.26	-4825.48	-467.27	-4794.46	367.66
1	23	427	-98.29	-123.66	-122.17	-99.79	-5.98	-517.93	-5715.38	-538.10	-5695.21	323.13
1	23	428	-106.39	-136.26	-135.62	-107.02	-4.30	-588.80	-6426.19	-600.22	-6414.78	257.91
1	23	429	-111.60	-145.30	-145.07	-111.83	-2.76	-642.59	-6941.29	-647.67	-6936.21	178.87
1	23	430	-114.53	-150.72	-150.67	-114.58	-1.35	-675.92	-7252.63	-677.19	-7251.35	91.42
1	23	431	-115.48	-152.53	-152.53	-115.48		-687.19	-7356.72	-687.19	-7356.72	
1	23	432	-114.53	-150.72	-150.67	-114.58	1.35	-675.92	-7252.63	-677.19	-7251.35	-91.42
1	23	433	-111.60	-145.30	-145.07	-111.83	2.76	-642.59	-6941.29	-647.67	-6936.21	-178.87
1	23	434	-106.39	-136.26	-135.62	-107.02	4.30	-588.80	-6426.19	-600.22	-6414.78	-257.91
1	23	435	-98.29	-123.66	-122.17	-99.79	5.98	-517.93	-5715.38	-538.10	-5695.21	-323.13
1	23	436	-86.27	-107.84	-104.50	-89.61	7.81	-436.26	-4825.48	-467.27	-4794.46	-367.66
1	23	437	-68.93	-89.38	-82.55	-75.76	9.64	-355.00	-3788.69	-398.21	-3745.48	-382.75
1	23	438	-46.09	-68.21	-56.82	-57.47	11.06	-293.32	-2664.95	-348.53	-2609.74	-357.61
1	23	439	-21.17	-43.52	-29.93	-34.76	10.91	-265.26	-1560.10	-329.67	-1495.69	-281.53
1	23	440	-0.75	-16.91	-7.61	-10.06	7.98	-262.42	-666.24	-322.76	-605.90	-143.96
1	23	441	11.46	-1.37	2.17	7.92	5.73	-183.32	-341.23	-312.80	-211.75	60.68
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-793.26	-198.29	-793.02	-65.81		-1.098e+04	-1.098e+04	-9563.73	-3531.87
			410.70		106.62	350.77	155.78	5474.74		5474.74	4727.18	3531.87

VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]
A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	40.00	1	1	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.15	0.4	0.1	13.4	13.4	13.4	13.4	-89.0	-741.8	131.0	-137.7	-9.5	629.8
4	ok	0.15	0.4	0.1	13.4	13.4	13.4	13.4	-11.5	-603.0	96.7	-177.3	110.5	690.3
44	ok	0.15	0.4	0.1	13.4	13.4	13.4	13.4	-7.1	-540.4	88.0	-405.7	198.6	530.0
65	ok	0.15	0.4	9.06e-02	13.4	13.4	13.4	13.4	-12.9	-541.1	88.0	-601.9	175.1	490.1
86	ok	0.15	0.4	8.09e-02	13.4	13.4	13.4	13.4	-14.0	-493.7	87.6	-860.3	116.3	398.3
107	ok	0.15	0.5	7.33e-02	13.4	13.4	13.4	13.4	-14.9	-453.4	88.4	-1010.6	79.9	281.5
128	ok	0.15	0.5	6.70e-02	13.4	13.4	13.4	13.4	-15.7	-416.0	89.4	-1121.0	47.3	170.8
149	ok	0.15	0.6	6.21e-02	13.4	13.4	13.4	13.4	-16.3	-380.8	90.1	-1192.6	22.6	66.2
170	ok	0.15	0.6	5.75e-02	13.4	13.4	13.4	13.4	-12.9	-315.9	90.2	-1228.2	-5.0	-90.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
191	ok	0.15	0.6	5.34e-02	13.4	13.4	13.4	13.4	-13.4	-286.5	89.6	-1225.5	-12.3	-180.4
212	ok	0.15	0.6	4.95e-02	13.4	13.4	13.4	13.4	-13.6	-258.7	88.5	-1185.6	-13.0	-264.6
233	ok	0.15	0.6	4.59e-02	13.4	13.4	13.4	13.4	-13.6	-232.2	87.1	-1107.2	-7.1	-342.9
254	ok	0.15	0.5	4.26e-02	13.4	13.4	13.4	13.4	-13.2	-206.7	85.2	-989.0	5.2	-414.8
275	ok	0.15	0.5	3.94e-02	13.4	13.4	13.4	13.4	-12.3	-181.7	82.9	-829.7	23.5	-479.3
296	ok	0.15	0.4	3.62e-02	13.4	13.4	13.4	13.4	43.4	-69.0	138.9	1876.2	420.1	-1190.3
317	ok	0.15	0.4	3.30e-02	13.4	13.4	13.4	13.4	39.8	-58.7	128.9	1796.8	391.6	-1322.8
338	ok	0.15	0.3	2.97e-02	13.4	13.4	13.4	13.4	35.0	-47.4	117.7	1669.3	339.5	-1389.5
359	ok	0.15	0.3	2.60e-02	13.4	13.4	13.4	13.4	26.2	-48.4	117.7	1477.5	316.5	-1381.7
380	ok	0.15	0.2	2.25e-02	13.4	13.4	13.4	13.4	13.9	-35.2	104.5	1182.2	210.6	-1299.2
401	ok	0.15	0.2	1.94e-02	13.4	13.4	13.4	13.4	21.2	61.2	27.4	964.4	-319.8	-370.7
422	ok	0.15	9.88e-02	1.95e-02	13.4	13.4	13.4	13.4	-64.9	1.0	61.7	454.8	-241.6	-367.2
442	ok	0.15	0.5	9.18e-02	13.4	13.4	13.4	13.4	-39.0	-475.2	135.9	148.1	303.4	1019.6
443	ok	0.15	0.4	9.32e-02	13.4	13.4	13.4	13.4	-58.0	-483.1	137.9	5.2	126.8	855.3
444	ok	0.15	0.5	7.03e-02	13.4	13.4	13.4	13.4	-31.8	-324.0	144.7	297.7	484.2	905.2
445	ok	0.15	0.4	6.99e-02	13.4	13.4	13.4	13.4	-39.3	-327.9	137.9	142.1	209.5	704.0
446	ok	0.15	0.5	5.37e-02	13.4	13.4	13.4	13.4	-16.3	-194.6	144.7	310.4	590.5	810.8
447	ok	0.15	0.4	5.28e-02	13.4	13.4	13.4	13.4	-23.5	-196.0	137.9	147.1	250.7	651.6
448	ok	0.15	0.5	4.01e-02	13.4	13.4	13.4	13.4	23.7	89.8	264.8	394.5	751.1	1817.6
449	ok	0.15	0.4	3.89e-02	13.4	13.4	13.4	13.4	11.4	95.2	253.7	172.3	287.8	1402.3
450	ok	0.15	0.5	4.30e-02	13.4	13.4	13.4	13.4	39.5	216.6	259.9	348.4	826.0	1587.3
451	ok	0.15	0.4	4.15e-02	13.4	13.4	13.4	13.4	26.9	224.0	248.0	152.1	310.6	1220.8
452	ok	0.15	0.5	4.90e-02	13.4	13.4	13.4	13.4	56.2	351.0	252.4	302.3	887.2	1401.2
453	ok	0.15	0.4	4.80e-02	13.4	13.4	13.4	13.4	43.3	360.5	240.4	129.0	328.2	1075.1
454	ok	0.15	0.5	5.66e-02	13.4	13.4	13.4	13.4	73.2	501.9	241.8	250.8	941.8	1261.9
455	ok	0.15	0.4	5.61e-02	13.4	13.4	13.4	13.4	61.7	514.0	230.7	104.9	344.1	968.1
456	ok	0.15	0.6	6.74e-02	13.4	14.3	13.4	14.3	88.8	681.5	226.1	197.2	1005.2	1175.5
457	ok	0.15	0.6	6.71e-02	13.4	13.4	13.4	13.4	84.1	700.7	205.5	108.5	370.7	907.7
458	ok	0.16	0.9	8.25e-02	13.4	15.6	13.4	16.9	94.7	921.3	195.6	113.7	1086.4	1158.4
459	ok	0.16	0.9	8.26e-02	13.4	15.7	13.4	15.7	114.4	953.4	205.5	113.4	411.9	942.2
460	ok	0.18	0.8	0.1	13.7	15.8	19.6	22.3	22.4	1115.5	88.6	53.9	1207.5	876.2
461	ok	0.18	0.9	0.1	13.7	16.2	19.7	22.7	176.9	1473.9	171.2	110.3	553.5	759.9
462	ok	0.15	0.5	8.92e-02	13.4	13.4	13.4	13.4	-17.6	-472.6	135.9	212.3	311.1	943.8
463	ok	0.15	0.5	6.84e-02	13.4	13.4	13.4	13.4	38.8	-160.1	248.0	913.3	725.6	2234.2
464	ok	0.15	0.5	5.31e-02	13.4	13.4	13.4	13.4	-11.9	-189.8	151.9	651.8	729.9	613.2
465	ok	0.15	0.5	3.99e-02	13.4	13.4	13.4	13.4	37.9	85.9	269.4	735.8	1067.0	1673.9
466	ok	0.15	0.5	4.40e-02	13.4	13.4	13.4	13.4	47.1	208.9	266.1	650.3	1194.5	1468.0
467	ok	0.15	0.5	4.95e-02	13.4	13.4	13.4	13.4	56.8	338.9	257.4	558.0	1302.0	1298.0
468	ok	0.15	0.5	5.65e-02	13.4	13.4	13.4	13.4	63.7	481.7	242.2	457.0	1396.9	1166.8
469	ok	0.15	0.6	6.57e-02	13.4	14.5	13.4	14.5	62.1	643.9	215.2	341.8	1482.5	1073.0
470	ok	0.16	0.7	7.87e-02	13.4	15.5	13.4	16.8	37.2	810.2	160.1	218.0	1566.4	1051.1
471	ok	0.17	0.8	8.89e-02	13.4	14.6	14.1	18.7	10.4	940.1	62.4	85.2	1565.8	756.6
472	ok	0.15	0.4	8.03e-02	13.4	13.4	13.4	13.4	37.4	-286.0	248.0	1224.3	495.6	2254.5
473	ok	0.15	0.5	6.61e-02	13.4	13.4	13.4	13.4	54.8	-140.4	238.2	1269.4	871.2	2001.4
474	ok	0.15	0.5	5.20e-02	13.4	13.4	13.4	13.4	50.3	-29.6	259.0	1134.3	1106.5	1722.8
475	ok	0.15	0.5	4.10e-02	13.4	13.4	13.4	13.4	48.5	83.5	266.7	1024.1	1306.8	1519.6
476	ok	0.15	0.5	4.49e-02	13.4	13.4	13.4	13.4	49.8	199.6	264.5	906.9	1476.5	1337.9
477	ok	0.15	0.5	4.95e-02	13.4	13.4	13.4	13.4	50.9	321.1	253.8	779.4	1620.8	1185.1
478	ok	0.15	0.5	5.52e-02	13.4	13.4	13.4	13.4	48.0	450.3	232.9	637.8	1744.4	1064.7
479	ok	0.15	0.5	6.22e-02	13.4	14.4	13.4	14.4	36.6	584.3	196.4	480.7	1851.0	979.7
480	ok	0.16	0.6	6.95e-02	13.4	15.0	13.4	16.2	18.5	711.6	136.7	298.3	1947.3	959.9
481	ok	0.16	0.7	7.56e-02	13.4	14.0	13.4	16.9	2.8	814.5	50.7	112.1	1985.0	703.5
482	ok	0.15	0.5	7.25e-02	13.4	13.4	13.4	13.4	45.8	-246.1	238.2	1492.2	578.8	1963.0
483	ok	0.15	0.4	6.20e-02	13.4	13.4	13.4	13.4	58.6	-139.9	238.2	1531.1	902.6	1852.7
484	ok	0.15	0.5	5.05e-02	13.4	13.4	13.4	13.4	56.5	-28.8	259.0	1389.1	1137.1	1605.6
485	ok	0.15	0.5	4.13e-02	13.4	13.4	13.4	13.4	53.2	81.5	259.0	1270.1	1478.8	1318.8
486	ok	0.15	0.5	4.45e-02	13.4	13.4	13.4	13.4	49.0	187.9	256.6	1128.6	1682.8	1164.4
487	ok	0.15	0.5	4.81e-02	13.4	13.4	13.4	13.4	43.7	298.0	243.9	971.5	1857.1	1033.8
488	ok	0.15	0.5	5.24e-02	13.4	13.4	13.4	13.4	35.2	410.8	219.1	795.8	2006.5	930.9
489	ok	0.15	0.5	5.69e-02	13.4	14.2	13.4	14.2	23.0	522.4	179.1	597.2	2135.7	858.9
490	ok	0.16	0.6	6.11e-02	13.4	14.6	13.4	15.5	9.4	625.2	120.8	366.1	2259.5	845.0
491	ok	0.16	0.6	6.48e-02	13.4	13.7	13.4	16.1	0.8	711.0	44.1	128.6	2302.1	613.3
492	ok	0.15	0.5	6.62e-02	13.4	13.4	13.4	13.4	49.2	-211.4	231.1	1691.7	614.6	1626.7
493	ok	0.15	0.4	5.76e-02	13.4	13.4	13.4	13.4	60.2	-119.3	231.1	1736.2	984.9	1543.2
494	ok	0.15	0.4	4.81e-02	13.4	13.4	13.4	13.4	58.0	-21.1	250.7	1604.1	1264.0	1350.7
495	ok	0.15	0.5	4.04e-02	13.4	13.4	13.4	13.4	53.5	81.5	259.0	1460.3	1501.6	1200.0
496	ok	0.15	0.5	4.30e-02	13.4	13.4	13.4	13.4	46.0	174.0	245.1	1311.4	1826.3	958.9
497	ok	0.15	0.5	4.56e-02	13.4	13.4	13.4	13.4	37.4	271.4	230.7	1130.1	2025.1	853.6
498	ok	0.15	0.5	4.85e-02	13.4	13.4	13.4	13.4	27.0	368.9	204.2	924.7	2196.6	770.9
499	ok	0.15	0.5	5.13e-02	13.4	13.7	13.4	13.7	15.4	462.8	164.0	690.9	2346.7	713.3
500	ok	0.16	0.6	5.36e-02	13.4	14.4	13.4	14.8	5.1	548.1	108.9	418.3	2490.3	701.8
501	ok	0.16	0.6	5.56e-02	13.4	13.6	13.4	15.4	-0.4	620.2	39.5	141.4	2540.0	505.3
502	ok	0.15	0.5	6.08e-02	13.4	13.4	13.4	13.4	53.2	-155.3	217.5	1835.2	640.1	1082.2
503	ok	0.15	0.3	5.36e-02	13.4	13.4	13.4	13.4	46.2	-101.9	241.6	1725.2	1013.0	1128.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
504	ok	0.15	0.4	4.54e-02	13.4	13.4	13.4	13.4	56.8	-13.4	241.6	1764.9	1343.6	1064.0
505	ok	0.15	0.4	3.88e-02	13.4	13.4	13.4	13.4	51.4	78.5	248.6	1619.9	1612.6	949.3
506	ok	0.15	0.5	4.07e-02	13.4	13.4	13.4	13.4	44.2	173.8	245.1	1444.3	1842.3	842.1
507	ok	0.15	0.5	4.25e-02	13.4	13.4	13.4	13.4	32.4	243.7	216.4	1252.8	2134.2	649.8
508	ok	0.15	0.5	4.42e-02	13.4	13.4	13.4	13.4	21.6	327.5	189.6	1023.4	2322.2	588.7
509	ok	0.15	0.5	4.58e-02	13.4	13.4	13.4	13.4	11.1	406.9	150.6	761.5	2487.4	546.0
510	ok	0.15	0.6	4.69e-02	13.4	14.0	13.4	14.0	2.8	478.3	99.2	457.5	2645.6	537.6
511	ok	0.15	0.6	4.75e-02	13.4	13.6	13.4	14.6	-1.0	538.6	35.8	150.3	2700.4	382.5
512	ok	0.15	0.6	5.61e-02	13.4	13.4	13.4	13.4	-6.1	-295.6	90.1	-1182.2	109.1	95.5
513	ok	0.15	0.3	4.99e-02	13.4	13.4	13.4	13.4	-9.7	-224.2	132.9	945.5	546.6	35.0
514	ok	0.15	0.3	4.26e-02	13.4	13.4	13.4	13.4	-7.1	-131.3	139.9	1291.4	741.2	-84.7
515	ok	0.15	0.4	3.68e-02	13.4	13.4	13.4	13.4	48.5	74.1	236.8	1732.9	1678.6	676.4
516	ok	0.15	0.4	3.79e-02	13.4	13.4	13.4	13.4	40.6	158.3	231.9	1549.5	1928.8	601.2
517	ok	0.15	0.4	3.90e-02	13.4	13.4	13.4	13.4	31.7	243.6	216.4	1333.0	2143.8	537.5
518	ok	0.15	0.5	3.99e-02	13.4	13.4	13.4	13.4	22.7	327.6	189.6	1084.1	2329.5	488.2
519	ok	0.15	0.5	4.06e-02	13.4	13.4	13.4	13.4	14.6	407.3	150.6	800.6	2492.1	454.4
520	ok	0.15	0.5	4.08e-02	13.4	13.4	13.4	13.4	1.3	414.7	90.7	482.7	2728.1	358.3
521	ok	0.15	0.6	4.05e-02	13.4	13.5	13.4	13.8	-1.5	464.5	32.6	154.8	2785.5	249.4
522	ok	0.15	0.6	5.25e-02	13.4	13.4	13.4	13.4	-4.5	-245.6	90.2	-1218.8	73.1	-92.1
523	ok	0.15	0.3	4.66e-02	13.4	13.4	13.4	13.4	-8.3	-186.5	127.1	977.9	503.4	-214.2
524	ok	0.15	0.3	4.00e-02	13.4	13.4	13.4	13.4	-8.1	-121.0	136.1	1331.5	718.1	-245.8
525	ok	0.15	0.3	3.46e-02	13.4	13.4	13.4	13.4	45.4	68.3	224.3	1802.1	1707.7	390.2
526	ok	0.15	0.4	3.50e-02	13.4	13.4	13.4	13.4	37.3	141.9	218.0	1612.7	1969.6	346.7
527	ok	0.15	0.4	3.54e-02	13.4	13.4	13.4	13.4	28.5	215.8	201.9	1386.8	2195.9	311.0
528	ok	0.15	0.4	3.57e-02	13.4	13.4	13.4	13.4	19.8	287.9	175.5	1126.8	2392.2	284.3
529	ok	0.15	0.5	3.58e-02	13.4	13.4	13.4	13.4	12.3	355.3	138.5	831.6	2564.4	266.6
530	ok	0.15	0.5	3.54e-02	13.4	13.4	13.4	13.4	7.4	415.4	90.7	492.4	2729.3	262.5
531	ok	0.15	0.6	3.44e-02	13.4	13.4	13.4	13.4	6.3	465.5	32.6	153.5	2785.4	204.3
532	ok	0.15	0.6	4.91e-02	13.4	13.4	13.4	13.4	-5.8	-223.0	89.6	-1216.6	62.1	-197.5
533	ok	0.15	0.3	4.39e-02	13.4	13.4	13.4	13.4	-8.9	-169.5	124.0	1013.4	486.6	-372.8
534	ok	0.15	0.2	3.80e-02	13.4	13.4	13.4	13.4	-8.7	-111.6	132.3	1356.6	691.9	-402.2
535	ok	0.15	0.3	3.21e-02	13.4	13.4	13.4	13.4	42.4	61.2	211.5	1829.7	1704.4	99.4
536	ok	0.15	0.3	3.19e-02	13.4	13.4	13.4	13.4	34.3	125.0	204.1	1635.0	1969.0	86.8
537	ok	0.15	0.4	3.19e-02	13.4	13.4	13.4	13.4	25.7	188.7	187.7	1402.9	2198.2	79.1
538	ok	0.15	0.4	3.18e-02	13.4	13.4	13.4	13.4	17.5	250.2	162.2	1137.4	2397.1	75.4
539	ok	0.15	0.4	3.15e-02	13.4	13.4	13.4	13.4	10.6	307.1	127.2	838.1	2572.0	74.2
540	ok	0.15	0.5	3.08e-02	13.4	13.4	13.4	13.4	6.1	357.1	82.9	496.9	2739.5	73.9
541	ok	0.15	0.5	2.92e-02	13.4	13.4	13.4	13.4	5.3	416.7	22.0	104.2	1336.9	-172.4
542	ok	0.15	0.6	4.59e-02	13.4	13.4	13.4	13.4	-6.8	-201.8	88.5	-1177.1	57.8	-297.8
543	ok	0.15	0.3	4.15e-02	13.4	13.4	13.4	13.4	-9.0	-153.4	120.7	1049.6	469.4	-523.3
544	ok	0.15	0.2	3.61e-02	13.4	13.4	13.4	13.4	-8.9	-102.8	128.4	1367.5	659.9	-549.7
545	ok	0.15	0.2	3.03e-02	13.4	13.4	13.4	13.4	38.6	44.1	186.0	1810.0	1607.7	-322.5
546	ok	0.15	0.3	2.88e-02	13.4	13.4	13.4	13.4	29.6	90.9	176.9	1607.5	1849.2	-289.9
547	ok	0.15	0.3	2.85e-02	13.4	13.4	13.4	13.4	20.4	137.1	160.7	1370.1	2056.4	-256.5
548	ok	0.15	0.4	2.82e-02	13.4	13.4	13.4	13.4	15.5	214.7	149.4	1115.6	2344.1	-130.4
549	ok	0.15	0.4	2.78e-02	13.4	13.4	13.4	13.4	9.1	262.5	116.6	819.8	2513.9	-115.1
550	ok	0.15	0.5	2.69e-02	13.4	13.4	13.4	13.4	5.1	303.8	75.7	486.4	2676.8	-111.5
551	ok	0.15	0.5	2.52e-02	13.4	13.4	13.4	13.4	4.7	368.4	21.2	102.8	1282.0	-225.1
552	ok	0.15	0.6	4.30e-02	13.4	13.4	13.4	13.4	-7.5	-181.5	87.1	-1099.2	59.8	-392.9
553	ok	0.15	0.3	3.91e-02	13.4	13.4	13.4	13.4	-8.6	-138.0	117.4	1084.6	449.2	-662.4
554	ok	0.15	0.2	3.44e-02	13.4	13.4	13.4	13.4	-8.5	-94.6	124.6	1362.2	617.7	-682.9
555	ok	0.15	0.2	2.93e-02	13.4	13.4	13.4	13.4	35.8	34.3	173.5	1754.3	1506.8	-586.2
556	ok	0.15	0.3	2.58e-02	13.4	13.4	13.4	13.4	29.3	90.8	176.9	1558.9	1843.4	-413.7
557	ok	0.15	0.3	2.53e-02	13.4	13.4	13.4	13.4	21.3	137.3	160.7	1322.4	2050.7	-366.3
558	ok	0.15	0.4	2.51e-02	13.4	13.4	13.4	13.4	13.9	181.4	137.2	1061.5	2229.6	-324.5
559	ok	0.15	0.4	2.47e-02	13.4	13.4	13.4	13.4	7.9	221.4	106.5	776.6	2386.3	-293.0
560	ok	0.15	0.4	2.38e-02	13.4	13.4	13.4	13.4	4.1	255.2	68.8	460.7	2536.9	-285.9
561	ok	0.15	0.4	2.22e-02	13.4	13.4	13.4	13.4	4.1	321.9	20.4	97.4	1182.4	-271.9
562	ok	0.15	0.5	4.02e-02	13.4	13.4	13.4	13.4	-7.8	-162.1	85.2	-981.5	67.6	-482.0
563	ok	0.15	0.3	3.69e-02	13.4	13.4	13.4	13.4	-7.6	-123.3	114.0	1113.8	421.9	-785.2
564	ok	0.15	0.2	3.27e-02	13.4	13.4	13.4	13.4	-8.5	-94.6	124.6	1343.0	615.4	-739.8
565	ok	0.15	0.3	2.84e-02	13.4	13.4	13.4	13.4	34.3	34.1	173.5	1674.3	1497.2	-712.4
566	ok	0.15	0.3	2.37e-02	13.4	13.4	13.4	13.4	26.9	73.9	163.9	1460.8	1710.4	-635.3
567	ok	0.15	0.3	2.25e-02	13.4	13.4	13.4	13.4	19.4	113.2	147.9	1226.0	1891.8	-561.3
568	ok	0.15	0.4	2.24e-02	13.4	13.4	13.4	13.4	12.4	150.3	125.5	975.1	2046.9	-497.8
569	ok	0.15	0.4	2.22e-02	13.4	13.4	13.4	13.4	6.8	183.6	96.8	708.6	2182.1	-451.2
570	ok	0.15	0.4	2.15e-02	13.4	13.4	13.4	13.4	0.7	231.0	54.0	298.7	1035.1	-422.5
571	ok	0.15	0.4	2.38e-02	13.4	13.4	13.4	13.4	3.6	277.0	19.6	88.2	1031.4	-307.7
572	ok	0.15	0.5	3.76e-02	13.4	13.4	13.4	13.4	-7.7	-143.1	82.9	-822.9	79.8	-563.6
573	ok	0.15	0.3	3.48e-02	13.4	13.4	13.4	13.4	-10.1	-105.6	112.9	850.1	392.0	-810.1
574	ok	0.15	0.2	3.12e-02	13.4	13.4	13.4	13.4	-6.8	-87.0	120.7	1292.2	553.2	-836.3
575	ok	0.15	0.3	2.75e-02	13.4	13.4	13.4	13.4	31.4	23.8	161.3	1542.0	1345.9	-929.2
576	ok	0.15	0.3	2.32e-02	13.4	13.4	13.4	13.4	24.3	57.2	151.4	1322.5	1519.3	-823.4
577	ok	0.15	0.3	2.01e-02	13.4	13.4	13.4	13.4	17.3	90.2	135.6	1092.6	1663.8	-724.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
578	ok	0.15	0.4	2.03e-02	13.4	13.4	13.4	13.4	10.8	121.3	114.3	857.1	1785.4	-640.9
579	ok	0.15	0.4	2.05e-02	13.4	13.4	13.4	13.4	5.6	148.8	87.6	616.4	1890.5	-581.1
580	ok	0.15	0.4	2.26e-02	13.4	13.4	13.4	13.4	0.3	194.8	51.9	251.3	831.4	-446.2
581	ok	0.15	0.4	2.54e-02	13.4	13.4	13.4	13.4	3.1	233.8	18.9	75.6	818.8	-327.6
582	ok	0.15	0.4	3.50e-02	13.4	13.4	13.4	13.4	37.7	-54.8	143.7	1756.2	503.1	-1530.2
583	ok	0.15	0.3	3.29e-02	13.4	13.4	13.4	13.4	39.8	-37.4	143.7	1778.2	686.4	-1467.0
584	ok	0.15	0.2	2.99e-02	13.4	13.4	13.4	13.4	33.6	-18.4	143.4	1563.2	794.6	-1300.6
585	ok	0.15	0.3	2.67e-02	13.4	13.4	13.4	13.4	-1.0	-49.9	116.5	1211.4	505.7	-862.0
586	ok	0.15	0.3	2.28e-02	13.4	13.4	13.4	13.4	21.2	40.9	139.3	1144.6	1256.1	-966.1
587	ok	0.15	0.3	1.84e-02	13.4	13.4	13.4	13.4	14.7	68.4	124.0	923.6	1352.3	-844.7
588	ok	0.15	0.4	1.93e-02	13.4	13.4	13.4	13.4	8.9	94.3	103.7	708.8	1430.5	-744.4
589	ok	0.15	0.4	2.12e-02	13.4	13.4	13.4	13.4	-2.9	-134.8	15.5	263.9	774.2	-1457.1
590	ok	0.15	0.4	2.36e-02	13.4	13.4	13.4	13.4	-0.6	-153.5	5.5	22.4	756.1	-1052.4
591	ok	0.15	0.4	2.68e-02	13.4	13.4	13.4	13.4	-3.3	-176.1	5.5	23.3	762.9	-1092.9
592	ok	0.15	0.4	3.26e-02	13.4	13.4	13.4	13.4	33.0	-55.4	143.7	1606.2	485.1	-1614.4
593	ok	0.15	0.3	3.11e-02	13.4	13.4	13.4	13.4	35.1	-38.0	143.7	1628.2	668.4	-1551.2
594	ok	0.15	0.3	2.88e-02	13.4	13.4	13.4	13.4	29.4	-18.9	143.4	1386.2	773.4	-1363.1
595	ok	0.15	0.3	2.61e-02	13.4	13.4	13.4	13.4	0.9	-50.4	112.0	1072.4	301.4	-847.6
596	ok	0.15	0.3	2.25e-02	13.4	13.4	13.4	13.4	17.0	25.0	127.7	929.9	901.6	-1050.3
597	ok	0.15	0.3	1.83e-02	13.4	13.4	13.4	13.4	11.1	47.7	112.9	722.0	938.1	-911.8
598	ok	0.15	0.3	1.94e-02	13.4	13.4	13.4	13.4	-2.9	-118.2	24.2	415.4	785.7	-1524.5
599	ok	0.15	0.4	2.17e-02	13.4	13.4	13.4	13.4	-2.1	-134.7	15.5	230.8	770.2	-1462.2
600	ok	0.15	0.4	2.45e-02	13.4	13.4	13.4	13.4	-5.2	-160.0	12.8	57.8	-671.3	-1424.9
601	ok	0.15	0.3	2.78e-02	13.4	13.4	13.4	13.4	-2.4	-176.0	5.5	119.4	774.4	-1096.1
602	ok	0.15	0.3	3.02e-02	13.4	13.4	13.4	13.4	27.3	-50.5	133.4	1399.3	394.9	-1719.3
603	ok	0.15	0.3	2.94e-02	13.4	13.4	13.4	13.4	28.7	-38.8	133.4	1409.0	475.6	-1635.4
604	ok	0.15	0.3	2.79e-02	13.4	13.4	13.4	13.4	22.6	-24.9	132.5	1140.4	477.7	-1410.9
605	ok	0.15	0.3	2.56e-02	13.4	13.4	13.4	13.4	-1.7	-53.5	98.3	655.7	-443.6	-583.6
606	ok	0.15	0.3	2.24e-02	13.4	13.4	13.4	13.4	1.0	-87.9	49.5	275.2	-1510.0	-661.4
607	ok	0.15	0.3	1.86e-02	13.4	13.4	13.4	13.4	0.1	-94.9	49.5	224.2	-1935.2	-581.5
608	ok	0.15	0.3	1.95e-02	13.4	13.4	13.4	13.4	-4.4	-104.5	36.1	-194.1	-2385.2	-391.4
609	ok	0.15	0.3	2.20e-02	13.4	13.4	13.4	13.4	-3.0	-142.7	10.6	-151.3	-2271.1	-1273.1
610	ok	0.15	0.3	2.51e-02	13.4	13.4	13.4	13.4	-5.6	-164.4	10.6	-186.2	-2562.1	-1277.1
611	ok	0.15	0.3	2.85e-02	13.4	13.4	13.4	13.4	-3.3	-187.5	3.8	-165.8	-2695.5	-993.0
612	ok	0.15	0.3	2.78e-02	13.4	13.4	13.4	13.4	18.5	-46.0	122.4	1134.4	258.7	-1703.5
613	ok	0.15	0.3	2.80e-02	13.4	13.4	13.4	13.4	19.2	-40.1	122.4	1126.6	194.1	-1597.2
614	ok	0.15	0.3	2.71e-02	13.4	13.4	13.4	13.4	5.6	-49.6	107.6	699.6	-594.5	-1716.5
615	ok	0.15	0.3	2.53e-02	13.4	13.4	13.4	13.4	9.85e-02	-43.1	103.3	586.5	-920.9	-1538.4
616	ok	0.15	0.3	2.26e-02	13.4	13.4	13.4	13.4	-4.5	-33.9	95.7	419.6	-1237.3	-1348.5
617	ok	0.15	0.3	1.93e-02	13.4	13.4	13.4	13.4	-5.7	-97.3	36.2	-317.8	-3421.7	-90.5
618	ok	0.15	0.2	1.95e-02	13.4	13.4	13.4	13.4	-6.9	-107.3	32.1	-467.6	-4006.6	-4.5
619	ok	0.15	0.2	2.21e-02	13.4	13.4	13.4	13.4	-4.1	-143.2	9.7	-409.9	-4504.7	-960.1
620	ok	0.15	0.2	2.55e-02	13.4	13.4	13.4	13.4	-7.0	-167.6	9.7	-469.9	-5004.8	-976.5
621	ok	0.15	0.2	2.91e-02	13.4	13.4	13.4	13.4	-3.7	-191.7	3.8	-286.6	-5187.1	-785.5
622	ok	0.15	0.3	2.55e-02	13.4	13.4	13.4	13.4	2.0	-38.1	92.4	579.0	-390.2	-1619.4
623	ok	0.15	0.3	2.69e-02	13.4	13.4	13.4	13.4	0.6	-49.2	92.4	503.3	-1021.1	-1552.7
624	ok	0.15	0.3	2.66e-02	13.4	13.4	13.4	13.4	-7.5	-51.9	94.8	386.8	-1616.3	-1370.7
625	ok	0.15	0.3	2.55e-02	13.4	13.4	13.4	13.4	-13.5	-49.0	93.4	218.0	-2169.9	-1207.7
626	ok	0.15	0.3	2.33e-02	13.4	13.4	13.4	13.4	-18.7	-43.6	80.5	-101.0	-2676.7	-967.7
627	ok	0.15	0.3	2.08e-02	13.4	13.4	13.4	13.4	-10.8	-97.5	28.4	-645.9	-5291.0	537.1
628	ok	0.15	0.4	1.92e-02	13.4	13.4	13.4	13.4	-12.0	-106.7	27.8	-753.9	-6048.3	571.3
629	ok	0.15	0.4	2.21e-02	13.4	13.4	13.4	13.4	-14.2	-124.5	27.8	-837.5	-6745.3	577.9
630	ok	0.15	0.4	2.60e-02	13.4	13.4	13.4	13.4	-1.4	-169.5	5.3	-399.5	-8056.0	-287.7
631	ok	0.15	0.4	3.01e-02	13.4	13.4	13.4	13.4	-6.7	-192.3	13.0	-401.9	-7889.1	301.8
632	ok	0.15	0.2	2.41e-02	13.4	13.4	13.4	13.4	-24.4	-41.3	92.4	420.7	-409.1	-1329.6
633	ok	0.15	0.3	2.66e-02	13.4	13.4	13.4	13.4	-24.5	-41.7	74.8	207.9	-2182.2	-872.3
634	ok	0.15	0.3	2.68e-02	13.4	13.4	13.4	13.4	-33.8	-49.8	84.1	42.9	-3122.3	-739.5
635	ok	0.15	0.4	2.64e-02	13.4	13.4	13.4	13.4	-36.8	-51.6	86.8	-282.1	-3913.2	-581.2
636	ok	0.15	0.4	2.50e-02	13.4	13.4	13.4	13.4	-33.2	-50.3	81.0	-458.9	-4540.3	-505.0
637	ok	0.15	0.5	2.34e-02	13.4	13.4	13.4	13.4	-15.8	-98.1	28.4	-679.1	-5295.0	883.9
638	ok	0.15	0.5	2.08e-02	13.4	13.4	13.4	13.4	-17.3	-105.2	22.2	-1064.0	-8503.3	778.7
639	ok	0.15	0.6	2.16e-02	13.4	13.4	13.4	13.4	-19.1	-120.2	22.2	-1172.6	-9408.4	758.6
640	ok	0.15	0.6	2.61e-02	13.4	13.4	13.4	13.4	-19.2	-156.3	25.3	-993.8	-1.032e+04	821.8
641	ok	0.15	0.7	3.67e-02	13.4	13.4	13.4	13.4	-12.2	-238.7	24.1	-474.1	-1.081e+04	634.7
642	ok	0.15	0.1	2.69e-02	13.4	13.4	13.4	13.4	-67.8	-23.1	61.7	390.8	-774.9	-257.1
643	ok	0.15	0.2	2.95e-02	13.4	13.4	13.4	13.4	-83.7	-48.8	74.8	125.6	-2192.0	-325.1
644	ok	0.15	0.3	2.97e-02	13.4	13.4	13.4	13.4	-75.5	-54.8	87.9	-164.2	-3147.2	-326.0
645	ok	0.15	0.3	2.95e-02	13.4	13.4	13.4	13.4	-64.1	-54.8	86.8	-349.6	-3921.3	-298.9
646	ok	0.15	0.4	2.79e-02	13.4	13.4	13.4	13.4	-50.9	-52.4	81.0	-508.0	-4546.2	-273.6
647	ok	0.15	0.5	2.52e-02	13.4	13.4	13.4	13.4	-37.3	-49.3	70.7	-644.8	-5059.2	-250.9
648	ok	0.15	0.5	2.18e-02	13.4	13.4	13.4	13.4	-11.6	-104.5	22.2	-1016.3	-8497.6	1194.3
649	ok	0.15	0.6	2.03e-02	13.4	13.4	13.4	13.4	-13.4	-119.6	22.2	-1124.9	-9402.6	1174.2
650	ok	0.15	0.6	2.60e-02	13.4	13.4	13.4	13.4	-18.3	-156.2	25.3	-1135.4	-1.034e+04	1256.9
651	ok	0.15	0.7	3.69e-02	13.4	13.4	13.4	13.4	-23.3	-240.1	24.1	-546.1	-1.082e+04	890.5

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-89.03	-741.83	3.79	-1228.20	-1.082e+04	-1719.27
		0.18	0.93	0.14	13.75	16.15	19.75	22.68	176.87	1473.88	269.44	1876.24	2785.51	2254.52

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok Av	10.17	0.32	0.34	8.3	8.8	241.5	253.3
4	ok Av	7.57	0.08	0.34	2.1	8.8	61.0	253.3
44	ok Av	7.54	0.08	0.34	2.1	8.7	59.7	252.3
65	ok Av	7.60	0.11	0.33	2.8	8.6	82.2	248.3
86	ok Av	6.84	0.13	0.29	3.3	7.4	96.4	214.8
107	ok Av	6.09	0.14	0.24	3.7	6.3	105.9	180.9
128	ok Av	5.35	0.15	0.19	3.9	5.0	112.3	145.7
149	ok Av	4.65	0.15	0.15	4.0	3.8	116.3	110.0
170	ok	4.07						
191	ok	4.06						
212	ok	4.00						
233	ok	3.91						
254	ok	4.17						
275	ok Av	4.61	0.13	0.16	3.5	4.3	101.4	123.2
296	ok Av	5.04	0.12	0.20	3.2	5.1	91.6	147.3
317	ok Av	5.36	0.10	0.22	2.7	5.8	79.0	166.6
338	ok Av	5.49	0.08	0.24	2.2	6.1	63.1	178.0
359	ok Av	5.32	0.06	0.24	1.5	6.1	43.2	178.0
380	ok Av	5.17	0.02	0.23	0.6	6.1	18.4	176.9
401	ok Av	4.38	5.90e-03	0.20	0.2	5.2	4.4	150.7
422	ok	3.52						
442	ok	1.89						
443	ok Av	9.38	0.43	0.03	11.1	0.8	322.6	21.8
444	ok	1.69						
445	ok Av	10.32	0.47	0.02	12.3	0.6	355.0	17.0
446	ok	1.69						
447	ok Av	10.35	0.47	0.04	12.3	0.9	355.0	26.8
448	ok	1.72						
449	ok Av	10.32	0.47	0.05	12.2	1.4	352.8	39.1
450	ok	1.77						
451	ok Av	10.02	0.45	0.06	11.8	1.6	341.4	47.1
452	ok	1.80						
453	ok Av	9.57	0.43	0.07	11.2	1.8	325.2	52.1
454	ok	1.82						
455	ok Av	9.14	0.41	0.07	10.7	1.9	309.4	55.2
456	ok	1.87						
457	ok Av	8.93	0.40	0.08	10.4	2.0	301.8	57.9
458	ok	1.64						
459	ok Av	8.43	0.38	0.05	9.9	1.3	287.4	38.9
460	ok Av	10.14	0.05	0.46	1.4	12.0	41.3	346.4
461	ok Av	12.62	0.35	0.46	9.0	12.0	261.8	346.4
462	ok	2.65						
463	ok	1.67						
464	ok	1.03						
465	ok	0.96						
466	ok	1.03						
467	ok	1.12						
468	ok	1.20						
469	ok	1.27						
470	ok	0.58						
471	ok Av	8.36	7.22e-03	0.38	0.2	9.9	5.4	287.7
472	ok	3.27						
473	ok	2.22						
474	ok	1.46						
475	ok	1.09						
476	ok	0.96						
477	ok	0.92						
478	ok	0.91						
479	ok	0.93						
480	ok	0.26						
481	ok Av	8.30	8.25e-03	0.38	0.2	9.9	6.2	285.6
482	ok	3.64						
483	ok	2.59						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
484	ok	1.76						
485	ok	1.23						
486	ok	0.96						
487	ok	0.79						
488	ok	0.69						
489	ok	0.68						
490	ok	0.23						
491	ok Av	7.34	9.23e-03	0.33	0.2	8.7	7.0	252.3
492	ok	3.86						
493	ok	2.84						
494	ok	1.99						
495	ok	1.39						
496	ok	1.03						
497	ok	0.76						
498	ok	0.56						
499	ok	0.50						
500	ok	0.25						
501	ok Av	6.31	0.01	0.29	0.3	7.5	8.1	216.9
502	ok	3.98						
503	ok	2.99						
504	ok	2.14						
505	ok	1.51						
506	ok	1.11						
507	ok	0.77						
508	ok	0.50						
509	ok	0.36						
510	ok	0.28						
511	ok Av	5.17	0.01	0.24	0.3	6.1	8.8	177.6
512	ok	4.05						
513	ok	3.07						
514	ok	2.23						
515	ok	1.60						
516	ok	1.17						
517	ok	0.79						
518	ok	0.47						
519	ok	0.25						
520	ok	0.30						
521	ok	3.95						
522	ok	4.07						
523	ok	3.11						
524	ok	2.27						
525	ok	1.65						
526	ok	1.20						
527	ok	0.81						
528	ok	0.46						
529	ok	0.23						
530	ok	0.31						
531	ok	2.68						
532	ok	4.06						
533	ok	3.10						
534	ok	2.26						
535	ok	1.66						
536	ok	1.22						
537	ok	0.82						
538	ok	0.48						
539	ok	0.24						
540	ok	0.31						
541	ok	1.39						
542	ok	4.01						
543	ok	3.05						
544	ok	2.22						
545	ok	1.63						
546	ok	1.20						
547	ok	0.82						
548	ok	0.49						
549	ok	0.31						
550	ok	0.31						
551	ok	1.47						
552	ok	3.92						
553	ok	2.96						
554	ok	2.14						
555	ok	1.57						
556	ok	1.15						
557	ok	0.80						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
558	ok	0.53						
559	ok	0.43						
560	ok	0.33						
561	ok	2.69						
562	ok	3.79						
563	ok	2.83						
564	ok	2.01						
565	ok	1.47						
566	ok	1.09						
567	ok	0.79						
568	ok	0.61						
569	ok	0.58						
570	ok	0.37						
571	ok	3.84						
572	ok	3.60						
573	ok	2.63						
574	ok	1.83						
575	ok	1.34						
576	ok	1.02						
577	ok	0.81						
578	ok	0.74						
579	ok	0.77						
580	ok	0.49						
581	ok Av	4.90	0.01	0.22	0.3	5.8	7.7	168.3
582	ok	3.33						
583	ok	2.37						
584	ok	1.60						
585	ok	1.19						
586	ok	0.97						
587	ok	0.92						
588	ok	0.94						
589	ok	1.02						
590	ok	0.67						
591	ok Av	5.83	8.88e-03	0.27	0.2	6.9	6.7	200.3
592	ok	2.97						
593	ok	2.03						
594	ok	1.30						
595	ok	1.05						
596	ok	1.02						
597	ok	1.12						
598	ok	1.21						
599	ok	1.32						
600	ok	0.92						
601	ok Av	6.59	7.26e-03	0.30	0.2	7.8	5.5	226.8
602	ok	2.50						
603	ok	1.60						
604	ok	1.03						
605	ok	1.02						
606	ok	1.22						
607	ok	1.42						
608	ok	1.58						
609	ok	1.69						
610	ok	1.25						
611	ok Av	7.20	5.16e-03	0.33	0.1	8.6	3.9	247.5
612	ok	1.90						
613	ok	1.07						
614	ok	0.99						
615	ok	1.25						
616	ok	1.57						
617	ok	1.83						
618	ok	2.03						
619	ok	2.17						
620	ok	1.70						
621	ok Av	7.64	2.87e-03	0.35	7.48e-02	9.1	2.2	262.8
622	ok	1.14						
623	ok	1.11						
624	ok	1.40						
625	ok	1.69						
626	ok	2.03						
627	ok	2.30						
628	ok	2.56						
629	ok	2.81						
630	ok	2.40						
631	ok Av	7.64	5.33e-04	0.35	1.39e-02	9.1	0.4	262.8

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
632	ok	1.49						
633	ok	1.78						
634	ok	2.04						
635	ok	2.21						
636	ok	2.51						
637	ok	2.77						
638	ok	3.04						
639	ok	3.46						
640	ok	3.83						
641	ok Av	7.53	0.03	0.34	0.7	8.9	20.6	258.4
642	ok	3.90						
643	ok Av	4.68	0.21	0.04	5.5	1.0	158.1	29.9
644	ok Av	5.02	0.22	0.07	5.7	1.8	164.6	52.1
645	ok Av	5.18	0.22	0.10	5.7	2.5	164.8	73.3
646	ok Av	5.30	0.22	0.11	5.7	2.9	164.8	84.5
647	ok Av	5.34	0.22	0.12	5.6	3.2	162.1	93.6
648	ok Av	5.39	0.21	0.14	5.5	3.6	159.2	103.3
649	ok Av	5.57	0.21	0.16	5.5	4.1	158.3	118.5
650	ok Av	5.43	0.19	0.17	5.1	4.5	146.7	130.8
651	ok Av	7.79	0.11	0.34	3.0	8.8	86.6	253.6
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		12.62	0.47	0.46	12.27	11.97	355.04	346.38

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
3	40.00	1	1	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
41	ok	0.15	0.4	0.2	13.4	13.4	13.4	13.4	-88.6	-738.3	256.4	-125.6	107.4	-1527.9
42	ok	0.15	0.4	0.2	13.4	13.4	13.4	13.4	3.8	-553.5	222.5	-733.3	-114.2	-1851.0
63	ok	0.15	0.3	0.1	13.4	13.4	13.4	13.4	35.5	-461.4	209.0	-1350.6	-400.2	-1557.9
84	ok	0.15	0.4	0.1	13.4	13.4	13.4	13.4	41.0	-460.7	209.0	-1819.9	-456.5	-1525.6
105	ok	0.15	0.4	9.11e-02	13.4	13.4	13.4	13.4	48.0	-397.4	204.3	-2174.1	-459.7	-1298.7
126	ok	0.15	0.5	8.22e-02	13.4	13.4	13.4	13.4	51.7	-345.5	202.2	-2441.2	-490.8	-1059.1
147	ok	0.15	0.5	7.48e-02	13.4	13.4	13.4	13.4	53.4	-300.6	200.0	-2633.0	-508.2	-812.9
168	ok	0.15	0.6	6.89e-02	13.4	13.4	13.4	13.4	54.0	-261.0	197.1	-2764.0	-519.0	-566.7
189	ok	0.15	0.6	6.35e-02	13.4	13.4	13.4	13.4	53.9	-226.2	193.1	-2845.3	-524.7	-323.8
210	ok	0.15	0.6	5.85e-02	13.4	13.4	13.4	13.4	56.6	-168.5	182.1	-2885.2	-524.5	70.9
231	ok	0.15	0.6	5.40e-02	13.4	13.4	13.4	13.4	55.2	-145.5	175.3	-2890.4	-524.0	291.4
252	ok	0.15	0.6	4.98e-02	13.4	13.4	13.4	13.4	53.5	-125.8	167.9	-2863.8	-520.2	499.1
273	ok	0.15	0.5	4.59e-02	13.4	13.4	13.4	13.4	51.4	-108.9	159.8	-2806.5	-512.6	690.4
294	ok	0.15	0.5	4.22e-02	13.4	13.4	13.4	13.4	49.0	-94.1	151.1	-2716.7	-499.9	860.6
315	ok	0.15	0.4	3.86e-02	13.4	13.4	13.4	13.4	46.0	-80.7	141.7	-2589.5	-479.4	1002.6
336	ok	0.15	0.4	3.49e-02	13.4	13.4	13.4	13.4	42.3	-67.6	131.5	-2416.5	-446.3	1106.1
357	ok	0.15	0.3	3.12e-02	13.4	13.4	13.4	13.4	37.5	-53.5	120.1	-2183.7	-390.8	1154.6
378	ok	0.15	0.3	2.70e-02	13.4	13.4	13.4	13.4	28.7	-54.5	120.1	-1876.6	-354.0	1142.8
399	ok	0.15	0.2	2.31e-02	13.4	13.4	13.4	13.4	17.1	-38.3	106.7	-1462.2	-244.5	1065.9
420	ok	0.15	0.2	1.93e-02	13.4	13.4	13.4	13.4	24.7	70.6	11.4	-1017.9	489.9	105.4
441	ok	0.15	9.92e-02	1.88e-02	13.4	13.4	13.4	13.4	-61.0	4.8	62.3	-528.3	199.7	246.7
652	ok	0.15	0.5	0.1	13.4	13.4	13.4	13.4	23.3	-391.0	222.5	-761.8	-351.4	-1601.6
653	ok	0.15	0.4	0.1	13.4	13.4	13.4	13.4	-48.7	-405.9	256.4	-154.6	-134.5	-1279.3
654	ok	0.15	0.5	7.82e-02	13.4	13.4	13.4	13.4	-34.1	-347.2	151.1	-327.1	-457.7	-524.0
655	ok	0.15	0.4	7.77e-02	13.4	13.4	13.4	13.4	-42.2	-351.6	143.6	-55.1	-190.6	-522.6
656	ok	0.15	0.5	5.89e-02	13.4	13.4	13.4	13.4	-17.4	-208.5	151.1	-336.0	-532.0	-415.3
657	ok	0.15	0.4	5.79e-02	13.4	13.4	13.4	13.4	-25.2	-210.1	143.6	-157.5	-230.2	-345.6
658	ok	0.15	0.5	4.35e-02	13.4	13.4	13.4	13.4	22.8	79.1	277.3	-394.0	-577.4	-1047.6
659	ok	0.15	0.4	4.20e-02	13.4	13.4	13.4	13.4	10.1	84.4	259.1	-137.7	-219.8	-680.6
660	ok	0.15	0.5	4.30e-02	13.4	13.4	13.4	13.4	40.2	220.5	272.7	-311.8	-591.4	-817.3
661	ok	0.15	0.4	4.15e-02	13.4	13.4	13.4	13.4	27.4	228.0	259.1	-138.1	-223.3	-625.2
662	ok	0.15	0.5	4.90e-02	13.4	13.4	13.4	13.4	58.5	369.5	265.1	-239.6	-596.3	-650.9
663	ok	0.15	0.4	4.80e-02	13.4	13.4	13.4	13.4	45.5	379.2	251.4	-103.7	-219.1	-494.7
664	ok	0.15	0.5	5.66e-02	13.4	13.4	13.4	13.4	77.2	535.6	254.2	-174.0	-599.4	-542.3
665	ok	0.15	0.4	5.61e-02	13.4	13.4	13.4	13.4	65.8	548.0	241.5	-73.1	-215.3	-411.0
666	ok	0.15	0.6	6.74e-02	13.4	13.4	13.4	13.4	94.2	731.9	237.9	-117.0	-610.9	-486.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
667	ok	0.15	0.6	6.71e-02	13.4	13.4	13.4	13.4	90.2	751.8	216.0	-49.6	-217.5	-371.9
668	ok	0.16	0.9	8.21e-02	15.4	13.9	16.2	14.2	100.8	991.8	206.0	-60.1	-637.0	-480.0
669	ok	0.16	0.9	8.22e-02	15.5	13.9	15.6	14.2	123.0	1025.1	216.0	-51.4	-232.1	-388.9
670	ok	0.18	0.9	0.1	15.1	14.0	22.7	21.3	24.0	1203.1	93.2	-29.3	-686.9	-370.5
671	ok	0.18	0.9	0.1	15.4	14.0	23.1	21.6	189.7	1581.2	180.7	-48.1	-291.9	-321.1
672	ok	0.15	0.4	0.1	13.4	13.4	13.4	13.4	23.5	-344.8	256.0	-1105.3	-440.1	-1802.9
673	ok	0.15	0.5	7.63e-02	13.4	13.4	13.4	13.4	40.8	-200.8	256.0	-1130.0	-646.2	-1618.3
674	ok	0.15	0.5	5.84e-02	13.4	13.4	13.4	13.4	33.4	-60.4	277.6	-925.1	-747.0	-1240.5
675	ok	0.15	0.5	4.34e-02	13.4	13.4	13.4	13.4	38.4	75.7	282.7	-750.0	-816.2	-980.3
676	ok	0.15	0.5	4.40e-02	13.4	13.4	13.4	13.4	48.3	212.9	279.9	-594.6	-859.9	-772.3
677	ok	0.15	0.5	4.95e-02	13.4	13.4	13.4	13.4	59.0	357.0	271.2	-452.9	-888.8	-618.4
678	ok	0.15	0.5	5.65e-02	13.4	13.4	13.4	13.4	66.9	514.4	255.4	-324.6	-911.5	-513.8
679	ok	0.15	0.6	6.61e-02	13.6	13.4	13.6	13.4	65.6	692.4	227.0	-209.1	-933.6	-451.4
680	ok	0.16	0.8	7.91e-02	14.9	13.4	16.1	13.4	39.5	874.4	168.9	-113.9	-960.7	-438.5
681	ok	0.17	0.9	8.81e-02	14.1	13.5	18.3	15.8	11.4	1018.5	65.7	-43.2	-957.8	-320.1
682	ok	0.15	0.4	9.01e-02	13.4	13.4	13.4	13.4	38.1	-343.1	256.0	-1543.1	-492.6	-1708.2
683	ok	0.15	0.4	7.36e-02	13.4	13.4	13.4	13.4	57.9	-177.3	245.4	-1576.8	-773.5	-1448.4
684	ok	0.15	0.5	5.72e-02	13.4	13.4	13.4	13.4	52.6	-52.7	270.1	-1290.5	-907.2	-1126.7
685	ok	0.15	0.5	4.30e-02	13.4	13.4	13.4	13.4	50.4	74.1	280.0	-1054.5	-1004.5	-898.2
686	ok	0.15	0.5	4.49e-02	13.4	13.4	13.4	13.4	51.8	203.5	278.7	-839.2	-1074.2	-713.5
687	ok	0.15	0.5	4.95e-02	13.4	13.4	13.4	13.4	53.1	338.5	267.9	-641.7	-1124.8	-573.6
688	ok	0.15	0.5	5.52e-02	13.4	13.4	13.4	13.4	50.4	481.4	246.2	-461.3	-1163.9	-475.7
689	ok	0.15	0.6	6.26e-02	13.5	13.4	13.5	13.4	38.6	629.4	207.7	-300.6	-1197.6	-416.0
690	ok	0.16	0.7	6.99e-02	14.5	13.4	15.4	13.4	19.8	770.3	144.6	-161.5	-1231.9	-401.3
691	ok	0.16	0.8	7.59e-02	13.6	13.4	16.3	13.4	3.4	886.0	53.7	-57.3	-1245.7	-297.2
692	ok	0.15	0.5	8.10e-02	13.4	13.4	13.4	13.4	60.3	-294.9	204.3	-2191.4	-604.2	-1147.4
693	ok	0.15	0.4	6.87e-02	13.4	13.4	13.4	13.4	61.9	-176.8	245.4	-1922.6	-815.0	-1335.1
694	ok	0.15	0.4	5.55e-02	13.4	13.4	13.4	13.4	60.7	-42.0	261.2	-1603.8	-1020.5	-973.5
695	ok	0.15	0.5	4.29e-02	13.4	13.4	13.4	13.4	56.0	73.0	271.9	-1317.3	-1144.5	-782.0
696	ok	0.15	0.5	4.45e-02	13.4	13.4	13.4	13.4	51.4	191.8	270.6	-1053.5	-1237.0	-624.0
697	ok	0.15	0.5	4.81e-02	13.4	13.4	13.4	13.4	45.9	314.4	257.9	-809.0	-1307.1	-502.8
698	ok	0.15	0.5	5.24e-02	13.4	13.4	13.4	13.4	37.1	439.7	232.1	-584.4	-1362.3	-416.9
699	ok	0.15	0.5	5.72e-02	13.4	13.4	13.4	13.4	24.4	563.8	189.9	-382.2	-1409.2	-363.6
700	ok	0.15	0.6	6.15e-02	14.2	13.4	14.6	13.4	10.3	678.8	128.2	-204.6	-1458.2	-350.4
701	ok	0.16	0.7	6.51e-02	13.6	13.4	15.5	13.4	1.3	776.2	46.8	-67.3	-1475.0	-255.8
702	ok	0.15	0.5	7.36e-02	13.4	13.4	13.4	13.4	62.6	-254.6	202.2	-2459.2	-640.6	-946.4
703	ok	0.15	0.3	6.36e-02	13.4	13.4	13.4	13.4	63.9	-152.3	237.8	-2196.5	-888.7	-1105.0
704	ok	0.15	0.4	5.27e-02	13.4	13.4	13.4	13.4	61.5	-41.9	261.2	-1848.9	-1049.9	-879.0
705	ok	0.15	0.4	4.16e-02	13.4	13.4	13.4	13.4	56.5	71.4	261.0	-1534.7	-1242.3	-637.7
706	ok	0.15	0.5	4.30e-02	13.4	13.4	13.4	13.4	48.8	178.0	258.7	-1232.7	-1354.3	-509.7
707	ok	0.15	0.5	4.56e-02	13.4	13.4	13.4	13.4	39.6	286.8	244.3	-949.9	-1441.0	-410.4
708	ok	0.15	0.5	4.85e-02	13.4	13.4	13.4	13.4	28.7	395.6	216.8	-688.3	-1510.4	-339.5
709	ok	0.15	0.5	5.14e-02	13.4	13.4	13.4	13.4	16.6	500.7	174.4	-450.9	-1569.9	-295.2
710	ok	0.15	0.6	5.39e-02	13.8	13.4	13.8	13.4	5.8	596.9	116.0	-240.0	-1630.5	-282.9
711	ok	0.15	0.6	5.59e-02	13.5	13.4	14.7	13.4	1.45e-02	679.5	42.1	-75.3	-1651.1	-203.9
712	ok	0.15	0.5	6.73e-02	13.4	13.4	13.4	13.4	63.1	-219.5	200.0	-2651.9	-665.6	-731.8
713	ok	0.15	0.3	5.89e-02	13.4	13.4	13.4	13.4	63.6	-129.5	231.1	-2398.6	-933.0	-853.2
714	ok	0.15	0.4	4.96e-02	13.4	13.4	13.4	13.4	60.5	-31.8	251.7	-2042.8	-1118.9	-683.3
715	ok	0.15	0.4	3.97e-02	13.4	13.4	13.4	13.4	54.7	71.2	261.0	-1699.1	-1262.0	-551.8
716	ok	0.15	0.4	4.07e-02	13.4	13.4	13.4	13.4	45.2	162.5	244.8	-1374.1	-1430.7	-374.9
717	ok	0.15	0.5	4.25e-02	13.4	13.4	13.4	13.4	34.7	257.9	229.4	-1061.3	-1530.2	-299.8
718	ok	0.15	0.5	4.42e-02	13.4	13.4	13.4	13.4	23.2	352.0	201.6	-770.0	-1610.5	-246.2
719	ok	0.15	0.5	4.58e-02	13.4	13.4	13.4	13.4	12.2	441.4	160.5	-504.6	-1679.2	-212.4
720	ok	0.15	0.6	4.71e-02	13.4	13.4	13.4	13.4	3.4	522.6	105.9	-267.5	-1748.4	-202.4
721	ok	0.15	0.6	4.78e-02	13.5	13.4	13.9	13.4	-0.7	592.2	38.3	-81.0	-1771.8	-142.9
722	ok	0.15	0.6	6.19e-02	13.4	13.4	13.4	13.4	62.7	-189.1	197.1	-2783.3	-679.6	-511.2
723	ok	0.15	0.3	5.46e-02	13.4	13.4	13.4	13.4	62.1	-109.6	224.0	-2539.9	-957.8	-588.1
724	ok	0.15	0.3	4.65e-02	13.4	13.4	13.4	13.4	58.3	-23.3	241.5	-2181.1	-1159.0	-470.0
725	ok	0.15	0.4	3.76e-02	13.4	13.4	13.4	13.4	51.8	68.0	248.7	-1824.1	-1318.7	-376.7
726	ok	0.15	0.4	3.79e-02	13.4	13.4	13.4	13.4	43.5	162.3	244.8	-1472.7	-1442.6	-297.5
727	ok	0.15	0.4	3.90e-02	13.4	13.4	13.4	13.4	34.1	257.9	229.4	-1136.4	-1539.2	-236.0
728	ok	0.15	0.5	3.99e-02	13.4	13.4	13.4	13.4	19.5	310.0	187.0	-827.5	-1663.5	-141.1
729	ok	0.15	0.5	4.06e-02	13.4	13.4	13.4	13.4	9.4	386.1	147.9	-541.4	-1737.3	-119.4
730	ok	0.15	0.5	4.08e-02	13.4	13.4	13.4	13.4	1.9	454.6	97.1	-285.5	-1811.1	-112.4
731	ok	0.15	0.6	4.06e-02	13.4	13.4	13.4	13.4	-1.2	512.8	35.0	-83.8	-1835.8	-75.5
732	ok	0.15	0.6	5.76e-02	13.4	13.4	13.4	13.4	61.5	-162.8	193.1	-2864.6	-685.3	-289.3
733	ok	0.15	0.3	5.09e-02	13.4	13.4	13.4	13.4	60.1	-92.8	216.3	-2628.4	-966.9	-317.3
734	ok	0.15	0.3	4.35e-02	13.4	13.4	13.4	13.4	55.6	-16.9	230.7	-2268.5	-1175.7	-246.7
735	ok	0.15	0.3	3.54e-02	13.4	13.4	13.4	13.4	48.7	63.3	235.6	-1902.6	-1344.5	-190.0
736	ok	0.15	0.3	3.50e-02	13.4	13.4	13.4	13.4	40.1	145.9	230.4	-1538.2	-1477.6	-142.9
737	ok	0.15	0.4	3.54e-02	13.4	13.4	13.4	13.4	30.8	229.1	214.3	-1187.3	-1582.5	-107.4
738	ok	0.15	0.4	3.57e-02	13.4	13.4	13.4	13.4	21.6	310.2	187.0	-858.7	-1667.2	-83.3
739	ok	0.15	0.4	3.58e-02	13.4	13.4	13.4	13.4	13.7	386.7	147.9	-559.2	-1739.4	-69.0
740	ok	0.15	0.5	3.54e-02	13.4	13.4	13.4	13.4	8.5	455.4	97.1	-292.2	-1811.9	-63.7

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
741	ok	0.15	0.5	3.44e-02	13.4	13.4	13.4	13.4	7.2	513.8	35.0	-82.5	-1835.6	-52.7
742	ok	0.15	0.6	5.36e-02	13.4	13.4	13.4	13.4	52.6	-121.8	198.8	-2632.2	-644.6	77.9
743	ok	0.15	0.3	4.78e-02	13.4	13.4	13.4	13.4	59.1	-67.8	198.8	-2668.3	-945.6	78.6
744	ok	0.15	0.2	4.12e-02	13.4	13.4	13.4	13.4	53.0	-10.4	208.0	-2305.9	-1148.0	87.1
745	ok	0.15	0.3	3.38e-02	13.4	13.4	13.4	13.4	44.7	50.1	209.0	-1932.9	-1313.2	91.5
746	ok	0.15	0.3	3.19e-02	13.4	13.4	13.4	13.4	35.0	112.0	201.6	-1559.5	-1443.8	91.6
747	ok	0.15	0.3	3.19e-02	13.4	13.4	13.4	13.4	24.7	173.6	185.2	-1199.5	-1546.2	88.1
748	ok	0.15	0.4	3.18e-02	13.4	13.4	13.4	13.4	14.7	232.7	159.7	-863.2	-1627.7	82.7
749	ok	0.15	0.4	3.15e-02	13.4	13.4	13.4	13.4	11.8	335.4	136.1	-564.0	-1744.1	30.3
750	ok	0.15	0.5	3.08e-02	13.4	13.4	13.4	13.4	7.1	393.1	89.0	-294.9	-1817.5	31.8
751	ok	0.15	0.5	2.92e-02	13.4	13.4	13.4	13.4	6.1	441.2	32.0	-85.5	-1841.7	18.0
752	ok	0.15	0.6	4.99e-02	13.4	13.4	13.4	13.4	50.7	-105.7	189.3	-2632.8	-635.9	353.1
753	ok	0.15	0.3	4.49e-02	13.4	13.4	13.4	13.4	56.2	-59.3	189.3	-2667.0	-920.8	337.3
754	ok	0.15	0.2	3.90e-02	13.4	13.4	13.4	13.4	49.9	-10.0	196.3	-2299.7	-1108.5	304.7
755	ok	0.15	0.2	3.23e-02	13.4	13.4	13.4	13.4	41.6	41.8	195.9	-1920.4	-1259.4	275.5
756	ok	0.15	0.3	2.88e-02	13.4	13.4	13.4	13.4	34.2	111.9	201.6	-1549.0	-1442.5	173.4
757	ok	0.15	0.3	2.85e-02	13.4	13.4	13.4	13.4	25.5	173.7	185.2	-1186.5	-1544.6	155.9
758	ok	0.15	0.4	2.82e-02	13.4	13.4	13.4	13.4	17.2	233.0	159.7	-850.2	-1626.2	139.5
759	ok	0.15	0.4	2.78e-02	13.4	13.4	13.4	13.4	10.3	287.9	125.0	-548.6	-1695.1	126.5
760	ok	0.15	0.4	2.69e-02	13.4	13.4	13.4	13.4	5.9	335.9	81.4	-285.9	-1764.2	123.9
761	ok	0.15	0.5	2.52e-02	13.4	13.4	13.4	13.4	5.0	388.9	22.3	-64.2	-777.6	233.1
762	ok	0.15	0.6	4.65e-02	13.4	13.4	13.4	13.4	48.5	-92.3	179.5	-2593.9	-619.9	612.2
763	ok	0.15	0.3	4.22e-02	13.4	13.4	13.4	13.4	53.3	-52.9	179.5	-2625.3	-881.4	580.0
764	ok	0.15	0.2	3.70e-02	13.4	13.4	13.4	13.4	46.8	-11.2	184.6	-2250.1	-1045.6	507.3
765	ok	0.15	0.2	3.12e-02	13.4	13.4	13.4	13.4	39.7	41.6	195.9	-1874.3	-1253.8	367.1
766	ok	0.15	0.3	2.58e-02	13.4	13.4	13.4	13.4	31.6	94.8	187.6	-1494.8	-1370.6	320.1
767	ok	0.15	0.3	2.53e-02	13.4	13.4	13.4	13.4	23.2	147.5	171.3	-1134.3	-1460.2	276.5
768	ok	0.15	0.4	2.51e-02	13.4	13.4	13.4	13.4	15.4	197.9	146.9	-804.0	-1530.3	239.9
769	ok	0.15	0.4	2.47e-02	13.4	13.4	13.4	13.4	8.9	244.0	114.5	-512.7	-1588.7	213.5
770	ok	0.15	0.4	2.38e-02	13.4	13.4	13.4	13.4	4.9	283.6	74.2	-265.1	-1648.0	207.0
771	ok	0.15	0.4	2.22e-02	13.4	13.4	13.4	13.4	4.4	339.9	21.5	-59.3	-691.1	243.9
772	ok	0.15	0.5	4.32e-02	13.4	13.4	13.4	13.4	54.9	-80.1	159.8	-2820.8	-631.8	652.7
773	ok	0.15	0.3	3.96e-02	13.4	13.4	13.4	13.4	50.1	-48.3	169.4	-2543.1	-824.1	799.2
774	ok	0.15	0.2	3.51e-02	13.4	13.4	13.4	13.4	43.8	-11.5	184.6	-2166.2	-1035.5	604.8
775	ok	0.15	0.2	3.01e-02	13.4	13.4	13.4	13.4	36.8	32.6	182.9	-1779.0	-1162.6	525.8
776	ok	0.15	0.3	2.51e-02	13.4	13.4	13.4	13.4	29.0	77.8	174.1	-1401.0	-1257.3	448.4
777	ok	0.15	0.3	2.25e-02	13.4	13.4	13.4	13.4	21.1	122.5	158.0	-1047.7	-1326.4	379.4
778	ok	0.15	0.4	2.24e-02	13.4	13.4	13.4	13.4	13.7	165.0	134.7	-730.1	-1377.8	323.5
779	ok	0.15	0.4	2.22e-02	13.4	13.4	13.4	13.4	7.7	203.5	104.4	-456.6	-1419.5	284.7
780	ok	0.15	0.4	2.15e-02	13.4	13.4	13.4	13.4	4.0	235.9	67.4	-232.5	-1463.2	274.9
781	ok	0.15	0.4	2.17e-02	13.4	13.4	13.4	13.4	3.9	292.8	20.7	-51.2	-562.0	245.3
782	ok	0.15	0.5	4.02e-02	13.4	13.4	13.4	13.4	51.8	-70.7	151.1	-2728.6	-598.9	807.3
783	ok	0.15	0.3	3.73e-02	13.4	13.4	13.4	13.4	46.6	-45.1	159.2	-2418.1	-743.3	985.5
784	ok	0.15	0.2	3.33e-02	13.4	13.4	13.4	13.4	40.4	-13.9	173.1	-2030.7	-939.1	768.4
785	ok	0.15	0.3	2.91e-02	13.4	13.4	13.4	13.4	33.6	23.1	170.3	-1640.3	-1032.6	656.0
786	ok	0.15	0.3	2.45e-02	13.4	13.4	13.4	13.4	26.2	61.1	161.1	-1268.0	-1095.6	549.1
787	ok	0.15	0.3	2.01e-02	13.4	13.4	13.4	13.4	18.8	98.7	145.3	-927.7	-1135.7	456.2
788	ok	0.15	0.4	2.03e-02	13.4	13.4	13.4	13.4	12.0	134.3	123.1	-629.5	-1161.1	383.0
789	ok	0.15	0.4	2.03e-02	13.4	13.4	13.4	13.4	6.5	166.2	94.9	-381.3	-1179.7	333.7
790	ok	0.15	0.4	2.12e-02	13.4	13.4	13.4	13.4	0.7	206.3	54.5	-157.4	-409.6	314.3
791	ok	0.15	0.4	2.37e-02	13.4	13.4	13.4	13.4	3.4	247.4	19.8	-40.2	-382.0	233.0
792	ok	0.15	0.4	3.73e-02	13.4	13.4	13.4	13.4	48.2	-62.5	141.7	-2598.1	-550.6	930.3
793	ok	0.15	0.3	3.50e-02	13.4	13.4	13.4	13.4	42.2	-45.6	159.2	-2256.6	-724.0	1070.2
794	ok	0.15	0.2	3.17e-02	13.4	13.4	13.4	13.4	36.5	-17.3	161.7	-1848.1	-806.0	892.3
795	ok	0.15	0.3	2.82e-02	13.4	13.4	13.4	13.4	19.0	11.8	148.5	-1089.1	-809.7	674.3
796	ok	0.15	0.3	2.40e-02	13.4	13.4	13.4	13.4	22.9	44.7	148.5	-1096.9	-874.9	612.4
797	ok	0.15	0.3	1.92e-02	13.4	13.4	13.4	13.4	16.0	76.0	133.1	-776.1	-877.3	498.7
798	ok	0.15	0.3	1.89e-02	13.4	13.4	13.4	13.4	9.9	105.7	112.1	-504.1	-869.5	411.2
799	ok	0.15	0.4	2.04e-02	13.4	13.4	13.4	13.4	5.1	132.0	85.8	-288.3	-859.2	354.2
800	ok	0.15	0.4	2.25e-02	13.4	13.4	13.4	13.4	0.3	169.7	52.1	-106.7	-177.2	268.8
801	ok	0.15	0.3	2.54e-02	13.4	13.4	13.4	13.4	2.9	204.0	18.9	-26.9	-140.2	203.3
802	ok	0.15	0.4	3.45e-02	13.4	13.4	13.4	13.4	42.8	-63.2	141.7	-2426.5	-530.0	963.0
803	ok	0.15	0.3	3.29e-02	13.4	13.4	13.4	13.4	37.4	-43.6	148.9	-2033.6	-604.1	1183.0
804	ok	0.15	0.2	3.02e-02	13.4	13.4	13.4	13.4	31.5	-21.5	150.4	-1615.8	-623.4	962.4
805	ok	0.15	0.3	2.74e-02	13.4	13.4	13.4	13.4	12.7	-23.8	132.3	-1263.4	-443.7	1261.2
806	ok	0.15	0.3	2.37e-02	13.4	13.4	13.4	13.4	18.5	28.7	136.6	-890.9	-580.6	628.3
807	ok	0.15	0.3	1.92e-02	13.4	13.4	13.4	13.4	-2.0	-87.6	55.1	-210.1	1014.3	548.7
808	ok	0.15	0.3	1.91e-02	13.4	13.4	13.4	13.4	-4.1	-118.0	30.0	-409.3	546.2	1341.6
809	ok	0.15	0.3	2.10e-02	13.4	13.4	13.4	13.4	-5.4	-134.4	23.3	-169.5	736.0	1220.1
810	ok	0.15	0.3	2.35e-02	13.4	13.4	13.4	13.4	-5.1	-153.4	15.1	7.4	908.8	1209.0
811	ok	0.15	0.3	2.66e-02	13.4	13.4	13.4	13.4	-3.3	-175.2	5.4	82.7	986.8	926.5
812	ok	0.15	0.3	3.17e-02	13.4	13.4	13.4	13.4	37.2	-55.9	131.5	-2190.9	-450.7	1024.0
813	ok	0.15	0.3	3.10e-02	13.4	13.4	13.4	13.4	31.0	-42.6	138.3	-1748.5	-434.5	1222.5
814	ok	0.15	0.3	2.91e-02	13.4	13.4	13.4	13.4	8.0	-42.1	132.3	-1054.7	-437.6	1341.4

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
815	ok	0.15	0.3	2.68e-02	13.4	13.4	13.4	13.4	10.1	-24.2	132.3	-1052.4	-418.4	1252.4
816	ok	0.15	0.3	2.35e-02	13.4	13.4	13.4	13.4	1.3	-86.1	53.7	-233.7	1579.6	398.9
817	ok	0.15	0.3	1.95e-02	13.4	13.4	13.4	13.4	0.6	-91.9	53.7	-180.7	2022.0	322.6
818	ok	0.15	0.3	1.91e-02	13.4	13.4	13.4	13.4	-4.4	-100.6	39.4	258.9	2490.6	148.9
819	ok	0.15	0.3	2.15e-02	13.4	13.4	13.4	13.4	-3.1	-138.2	12.9	197.7	2388.3	1035.3
820	ok	0.15	0.3	2.44e-02	13.4	13.4	13.4	13.4	-5.7	-159.3	12.9	234.1	2691.8	1041.7
821	ok	0.15	0.2	2.76e-02	13.4	13.4	13.4	13.4	-3.4	-181.8	4.7	178.5	2827.0	816.9
822	ok	0.15	0.3	2.90e-02	13.4	13.4	13.4	13.4	29.4	-48.8	120.1	-1873.5	-328.3	1013.4
823	ok	0.15	0.3	2.93e-02	13.4	13.4	13.4	13.4	21.7	-42.1	127.1	-1395.0	-188.1	1159.8
824	ok	0.15	0.3	2.81e-02	13.4	13.4	13.4	13.4	8.0	-48.8	113.6	-864.1	547.4	1232.8
825	ok	0.15	0.2	2.64e-02	13.4	13.4	13.4	13.4	2.1	-40.9	110.3	-659.5	882.7	1027.7
826	ok	0.15	0.2	2.36e-02	13.4	13.4	13.4	13.4	-3.0	-30.4	103.1	-423.2	1207.1	831.6
827	ok	0.15	0.2	2.01e-02	13.4	13.4	13.4	13.4	-5.7	-94.7	39.7	353.6	3410.7	-175.0
828	ok	0.15	0.2	1.91e-02	13.4	13.4	13.4	13.4	-7.1	-104.0	35.2	504.8	3997.3	-248.2
829	ok	0.15	0.2	2.15e-02	13.4	13.4	13.4	13.4	-4.3	-139.5	12.2	435.5	4495.0	714.1
830	ok	0.15	0.2	2.51e-02	13.4	13.4	13.4	13.4	-7.3	-164.0	12.2	495.3	4993.5	733.7
831	ok	0.15	0.2	2.86e-02	13.4	13.4	13.4	13.4	-3.8	-188.2	4.9	289.4	5167.8	604.2
832	ok	0.15	0.3	2.63e-02	13.4	13.4	13.4	13.4	16.8	-41.5	106.7	-1447.9	-126.0	894.3
833	ok	0.15	0.3	2.78e-02	13.4	13.4	13.4	13.4	3.9	-47.9	96.3	-706.9	896.8	1124.5
834	ok	0.15	0.3	2.74e-02	13.4	13.4	13.4	13.4	-4.7	-50.2	100.3	-511.6	1460.5	892.3
835	ok	0.15	0.3	2.64e-02	13.4	13.4	13.4	13.4	-11.2	-46.6	99.7	-284.1	1979.4	699.7
836	ok	0.15	0.3	2.42e-02	13.4	13.4	13.4	13.4	-15.4	-40.1	95.3	-57.7	2432.0	532.6
837	ok	0.15	0.3	2.14e-02	13.4	13.4	13.4	13.4	-10.9	-95.3	31.5	651.6	5148.5	-802.8
838	ok	0.15	0.3	1.88e-02	13.4	13.4	13.4	13.4	-12.5	-103.8	30.5	756.1	5884.1	-824.6
839	ok	0.15	0.4	2.16e-02	13.4	13.4	13.4	13.4	-14.6	-121.0	30.5	837.6	6563.7	-824.6
840	ok	0.15	0.4	2.57e-02	13.4	13.4	13.4	13.4	-12.6	-155.5	28.9	726.7	7240.8	-776.5
841	ok	0.15	0.4	3.01e-02	13.4	13.4	13.4	13.4	-7.2	-191.9	14.5	393.0	7689.1	-478.2
842	ok	0.15	0.2	2.45e-02	13.4	13.4	13.4	13.4	-20.9	-40.4	96.3	-522.6	347.1	965.1
843	ok	0.15	0.2	2.72e-02	13.4	13.4	13.4	13.4	-20.7	-38.8	78.2	-324.8	1995.6	579.2
844	ok	0.15	0.3	2.77e-02	13.4	13.4	13.4	13.4	-30.7	-47.2	89.0	-123.1	2845.3	404.3
845	ok	0.15	0.3	2.72e-02	13.4	13.4	13.4	13.4	-35.2	-49.0	92.6	241.7	3539.5	217.4
846	ok	0.15	0.4	2.56e-02	13.4	13.4	13.4	13.4	-32.4	-47.4	86.5	418.1	4061.6	143.4
847	ok	0.15	0.5	2.39e-02	13.4	13.4	13.4	13.4	-15.8	-95.8	31.5	671.9	5150.9	-1139.7
848	ok	0.15	0.5	2.12e-02	13.4	13.4	13.4	13.4	-17.9	-102.8	24.4	1026.2	8134.4	-958.8
849	ok	0.15	0.6	2.11e-02	13.4	13.4	13.4	13.4	-19.6	-117.1	24.4	1128.5	8986.7	-935.7
850	ok	0.15	0.6	2.58e-02	13.4	13.4	13.4	13.4	-20.4	-153.1	27.3	942.4	9847.1	-999.1
851	ok	0.15	0.7	3.77e-02	13.4	13.4	13.4	13.4	-13.6	-244.7	26.9	441.0	1.033e+04	-759.1
852	ok	0.15	0.1	2.68e-02	13.4	13.4	13.4	13.4	-63.9	-19.5	62.3	-469.4	690.6	106.6
853	ok	0.15	0.2	2.98e-02	13.4	13.4	13.4	13.4	-79.6	-45.9	78.2	-193.5	2011.3	77.4
854	ok	0.15	0.2	3.01e-02	13.4	13.4	13.4	13.4	-73.0	-52.3	93.6	127.2	2875.3	20.4
855	ok	0.15	0.3	3.01e-02	13.4	13.4	13.4	13.4	-62.5	-52.3	92.6	309.7	3547.6	-16.0
856	ok	0.15	0.4	2.85e-02	13.4	13.4	13.4	13.4	-50.1	-49.5	86.5	460.2	4066.7	-38.8
857	ok	0.15	0.4	2.58e-02	13.4	13.4	13.4	13.4	-37.2	-45.7	75.6	583.6	4472.5	-52.2
858	ok	0.15	0.5	2.22e-02	13.4	13.4	13.4	13.4	-11.7	-102.0	24.4	971.4	8127.8	-1350.3
859	ok	0.15	0.6	1.99e-02	13.4	13.4	13.4	13.4	-13.5	-116.4	24.4	1073.6	8980.1	-1327.2
860	ok	0.15	0.6	2.55e-02	13.4	13.4	13.4	13.4	-18.3	-152.8	27.3	1085.9	9864.3	-1410.4
861	ok	0.15	0.7	3.79e-02	13.4	13.4	13.4	13.4	-24.6	-246.1	26.9	530.0	1.034e+04	-1011.4
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-88.62	-738.30	4.67	-2890.36	-1841.73	-1850.98
		0.18	0.93	0.16	15.45	14.01	23.05	21.57	189.74	1581.16	282.72	1128.49	1.034e+04	1341.62

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
41	ok Av	9.58	0.30	0.32	7.9	8.2	227.4	238.6
42	ok Av	7.14	0.08	0.32	2.0	8.2	58.3	238.6
63	ok Av	7.10	0.08	0.32	2.0	8.2	57.5	237.5
84	ok Av	7.16	0.10	0.31	2.7	8.1	78.8	233.4
105	ok Av	6.45	0.12	0.27	3.2	7.0	92.3	201.6
126	ok Av	5.74	0.13	0.23	3.5	5.9	101.2	169.6
147	ok Av	5.04	0.14	0.18	3.7	4.7	107.3	136.3
168	ok Av	4.40	0.15	0.14	3.8	3.5	111.0	102.7
189	ok	4.07						
210	ok	4.06						
231	ok	4.00						
252	ok	3.91						
273	ok	3.96						
294	ok Av	4.37	0.13	0.15	3.3	4.0	96.8	116.2
315	ok Av	4.76	0.12	0.18	3.0	4.8	87.6	138.8
336	ok Av	5.06	0.10	0.21	2.6	5.4	75.6	156.9

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
357	ok Av	5.18	0.08	0.22	2.1	5.8	60.4	167.6
378	ok Av	5.02	0.05	0.22	1.4	5.8	41.4	167.6
399	ok Av	4.87	0.02	0.22	0.6	5.8	17.6	166.6
420	ok	4.12						
441	ok	3.29						
652	ok	1.89						
653	ok Av	8.81	0.40	7.13e-03	10.5	0.2	303.0	5.4
654	ok	1.60						
655	ok Av	9.67	0.44	0.01	11.5	0.4	332.4	11.0
656	ok	1.60						
657	ok Av	9.69	0.44	0.03	11.5	0.9	332.4	26.2
658	ok	1.62						
659	ok Av	9.63	0.44	0.05	11.4	1.3	329.2	37.5
660	ok	1.66						
661	ok Av	9.32	0.42	0.06	11.0	1.5	317.6	44.7
662	ok	1.68						
663	ok Av	8.89	0.40	0.06	10.4	1.7	301.9	48.9
664	ok	1.69						
665	ok Av	8.47	0.38	0.07	9.9	1.8	286.9	51.5
666	ok	1.74						
667	ok Av	8.29	0.37	0.07	9.7	1.9	279.9	53.8
668	ok	1.53						
669	ok Av	7.83	0.35	0.05	9.2	1.3	266.9	36.2
670	ok Av	9.44	0.05	0.43	1.3	11.1	38.7	322.5
671	ok Av	11.74	0.32	0.43	8.4	11.1	243.4	322.5
672	ok	2.65						
673	ok	1.67						
674	ok	1.03						
675	ok	0.91						
676	ok	0.97						
677	ok	1.05						
678	ok	1.12						
679	ok	1.19						
680	ok	0.54						
681	ok Av	7.78	6.30e-03	0.36	0.2	9.2	4.7	267.6
682	ok	3.27						
683	ok	2.22						
684	ok	1.46						
685	ok	1.01						
686	ok	0.89						
687	ok	0.86						
688	ok	0.85						
689	ok	0.87						
690	ok	0.26						
691	ok Av	7.72	7.25e-03	0.35	0.2	9.2	5.5	265.5
692	ok	3.64						
693	ok	2.59						
694	ok	1.76						
695	ok	1.14						
696	ok	0.89						
697	ok	0.73						
698	ok	0.64						
699	ok	0.64						
700	ok	0.23						
701	ok Av	6.82	8.17e-03	0.31	0.2	8.1	6.2	234.4
702	ok	3.86						
703	ok	2.84						
704	ok	1.99						
705	ok	1.31						
706	ok	0.95						
707	ok	0.69						
708	ok	0.51						
709	ok	0.47						
710	ok	0.22						
711	ok Av	5.86	9.64e-03	0.27	0.3	7.0	7.3	201.5
712	ok	3.98						
713	ok	2.99						
714	ok	2.14						
715	ok	1.44						
716	ok	1.02						
717	ok	0.70						
718	ok	0.45						
719	ok	0.34						
720	ok	0.25						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
721	ok Av	4.80	0.01	0.22	0.3	5.7	7.9	164.9
722	ok	4.05						
723	ok	3.07						
724	ok	2.23						
725	ok	1.52						
726	ok	1.08						
727	ok	0.72						
728	ok	0.42						
729	ok	0.23						
730	ok	0.27						
731	ok	3.66						
732	ok	4.07						
733	ok	3.11						
734	ok	2.27						
735	ok	1.56						
736	ok	1.11						
737	ok	0.74						
738	ok	0.41						
739	ok	0.23						
740	ok	0.28						
741	ok	2.48						
742	ok	4.06						
743	ok	3.10						
744	ok	2.26						
745	ok	1.56						
746	ok	1.12						
747	ok	0.75						
748	ok	0.42						
749	ok	0.24						
750	ok	0.28						
751	ok	1.27						
752	ok	4.01						
753	ok	3.05						
754	ok	2.22						
755	ok	1.52						
756	ok	1.10						
757	ok	0.74						
758	ok	0.44						
759	ok	0.29						
760	ok	0.29						
761	ok	1.41						
762	ok	3.92						
763	ok	2.96						
764	ok	2.14						
765	ok	1.46						
766	ok	1.06						
767	ok	0.73						
768	ok	0.48						
769	ok	0.41						
770	ok	0.30						
771	ok	2.54						
772	ok	3.79						
773	ok	2.83						
774	ok	2.01						
775	ok	1.37						
776	ok	1.00						
777	ok	0.72						
778	ok	0.57						
779	ok	0.55						
780	ok	0.35						
781	ok	3.61						
782	ok	3.60						
783	ok	2.63						
784	ok	1.83						
785	ok	1.24						
786	ok	0.94						
787	ok	0.75						
788	ok	0.70						
789	ok	0.74						
790	ok	0.47						
791	ok Av	4.59	9.03e-03	0.21	0.2	5.5	6.8	157.8
792	ok	3.33						
793	ok	2.37						
794	ok	1.60						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
795	ok	1.10						
796	ok	0.90						
797	ok	0.86						
798	ok	0.89						
799	ok	0.97						
800	ok	0.65						
801	ok Av	5.45	7.79e-03	0.25	0.2	6.5	5.9	187.4
802	ok	2.97						
803	ok	2.03						
804	ok	1.30						
805	ok	0.98						
806	ok	0.96						
807	ok	1.06						
808	ok	1.16						
809	ok	1.25						
810	ok	0.89						
811	ok Av	6.16	6.26e-03	0.28	0.2	7.3	4.7	211.7
812	ok	2.50						
813	ok	1.60						
814	ok	0.97						
815	ok	0.96						
816	ok	1.16						
817	ok	1.36						
818	ok	1.50						
819	ok	1.60						
820	ok	1.20						
821	ok Av	6.71	4.28e-03	0.31	0.1	8.0	3.2	230.7
822	ok	1.90						
823	ok	1.07						
824	ok	0.99						
825	ok	1.22						
826	ok	1.50						
827	ok	1.74						
828	ok	1.93						
829	ok	2.05						
830	ok	1.62						
831	ok Av	7.11	2.14e-03	0.32	5.56e-02	8.5	1.6	244.7
832	ok	1.14						
833	ok	1.12						
834	ok	1.38						
835	ok	1.64						
836	ok	1.95						
837	ok	2.20						
838	ok	2.43						
839	ok	2.65						
840	ok	2.28						
841	ok Av	7.11	1.12e-03	0.32	2.92e-02	8.5	0.8	244.7
842	ok	1.53						
843	ok	1.80						
844	ok	2.02						
845	ok	2.16						
846	ok	2.41						
847	ok	2.63						
848	ok	2.88						
849	ok	3.27						
850	ok	3.61						
851	ok Av	7.01	0.03	0.32	0.7	8.3	19.4	240.4
852	ok	3.62						
853	ok Av	4.34	0.19	0.04	5.1	1.0	146.3	29.9
854	ok Av	4.65	0.20	0.07	5.2	1.8	151.7	50.8
855	ok Av	4.80	0.20	0.09	5.2	2.2	151.7	64.9
856	ok Av	4.91	0.20	0.10	5.2	2.6	151.6	74.6
857	ok Av	4.94	0.20	0.11	5.1	2.8	149.0	81.9
858	ok Av	4.99	0.19	0.12	5.1	3.1	146.4	89.3
859	ok Av	5.16	0.19	0.15	5.0	3.9	145.8	111.6
860	ok Av	5.03	0.18	0.16	4.7	4.3	135.2	123.5
861	ok Av	7.22	0.10	0.31	2.7	8.1	79.0	235.4
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		11.74	0.44	0.43	11.49	11.14	332.42	322.46

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	40.00	1	1	Singolo elemento NON DISSIPATIVO

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
421	ok	0.15	0.1	5.74e-03	13.4	13.4	13.4	13.4	23.5	108.2	17.3	-951.4	319.5	168.8
422	ok	0.15	0.1	1.23e-02	13.4	13.4	13.4	13.4	-58.7	53.1	-25.5	27.8	444.3	370.2
423	ok	0.15	0.2	1.09e-02	13.4	13.4	13.4	13.4	19.0	153.0	-15.4	-858.8	156.7	1175.2
424	ok	0.15	0.2	1.74e-02	13.4	13.4	13.4	13.4	31.9	154.6	-15.4	-1269.4	107.4	1224.3
425	ok	0.15	0.3	2.32e-02	13.4	13.4	13.4	13.4	42.7	198.1	-12.4	-1585.6	-113.2	1157.1
426	ok	0.15	0.3	2.79e-02	13.4	13.4	13.4	13.4	45.3	198.4	-12.4	-1781.7	-136.8	1129.2
427	ok	0.15	0.4	3.17e-02	13.4	13.4	13.4	13.4	48.1	214.0	-10.4	-1910.7	-198.8	974.1
428	ok	0.15	0.4	3.45e-02	13.4	13.4	13.4	13.4	-110.0	-179.8	6.7	7954.1	815.6	36.4
429	ok	0.15	0.5	3.63e-02	13.4	13.4	13.4	13.4	-116.9	-189.8	4.0	8634.6	898.0	25.3
430	ok	0.15	0.5	3.72e-02	13.4	13.4	13.4	13.4	-120.8	-194.8	1.3	9046.4	948.1	20.9
431	ok	0.15	0.5	3.72e-02	13.4	13.4	13.4	13.4	-121.8	-194.9	-1.3	9184.1	964.6	19.1
432	ok	0.15	0.5	3.72e-02	13.4	13.4	13.4	13.4	-120.8	-194.8	-1.3	9046.4	948.1	-20.9
433	ok	0.15	0.5	3.63e-02	13.4	13.4	13.4	13.4	-116.9	-189.8	-4.0	8634.6	898.0	-25.3
434	ok	0.15	0.4	3.45e-02	13.4	13.4	13.4	13.4	47.8	225.8	17.6	-1786.2	-210.4	-804.0
435	ok	0.15	0.4	3.17e-02	13.4	13.4	13.4	13.4	45.2	212.5	19.6	-1654.5	-166.3	-1000.1
436	ok	0.15	0.3	2.79e-02	13.4	13.4	13.4	13.4	41.4	195.5	20.8	-1477.9	-102.1	-1156.8
437	ok	0.15	0.3	2.32e-02	13.4	13.4	13.4	13.4	38.0	195.1	20.8	-1251.0	-74.9	-1188.8
438	ok	0.15	0.2	1.74e-02	13.4	13.4	13.4	13.4	25.8	147.6	21.6	-934.6	126.5	-1259.9
439	ok	0.15	0.2	1.09e-02	13.4	13.4	13.4	13.4	37.8	105.6	-14.9	-1447.7	246.8	-351.6
440	ok	0.15	0.1	6.57e-03	13.4	13.4	13.4	13.4	-18.3	106.6	22.8	-118.0	389.9	-1041.0
441	ok	0.15	0.1	1.21e-02	13.4	13.4	13.4	13.4	-56.3	44.4	27.3	116.4	425.3	-442.9
642	ok	0.15	0.1	2.30e-02	13.4	13.4	13.4	13.4	-57.0	-33.3	9.0	257.7	1492.9	832.3
643	ok	0.15	0.2	2.82e-02	13.4	13.4	13.4	13.4	-81.1	-34.4	-80.5	68.7	2256.2	148.9
644	ok	0.15	0.2	2.97e-02	13.4	13.4	13.4	13.4	-74.8	-48.7	-89.7	207.9	3180.8	76.2
645	ok	0.15	0.3	3.03e-02	13.4	13.4	13.4	13.4	-64.2	-55.7	-91.5	318.7	3943.9	20.4
646	ok	0.15	0.4	2.95e-02	13.4	13.4	13.4	13.4	-51.8	-59.6	-87.1	409.2	4564.7	-16.8
647	ok	0.15	0.5	2.78e-02	13.4	13.4	13.4	13.4	-38.9	-62.8	-76.9	482.9	5078.4	-36.0
648	ok	0.15	0.5	2.53e-02	13.4	13.4	13.4	13.4	-39.6	-68.7	-76.9	536.0	5520.7	-44.2
649	ok	0.15	0.6	2.25e-02	13.4	13.4	13.4	13.4	-13.9	-135.3	7.7	1140.9	1.073e+04	-938.3
650	ok	0.15	0.6	2.71e-02	13.4	13.4	13.4	13.4	-19.0	-178.0	7.7	1280.4	1.189e+04	-987.1
651	ok	0.15	0.7	4.17e-02	13.4	13.4	13.4	13.4	-27.2	-272.6	20.7	508.5	1.058e+04	-1136.0
852	ok	0.15	0.1	2.33e-02	13.4	13.4	13.4	13.4	-55.5	-35.4	-8.0	301.9	1457.1	-889.8
853	ok	0.15	0.2	2.87e-02	13.4	13.4	13.4	13.4	-78.1	-34.5	84.9	75.3	2078.3	-378.9
854	ok	0.15	0.2	3.01e-02	13.4	13.4	13.4	13.4	-72.2	-46.0	94.8	182.9	2882.6	-329.4
855	ok	0.15	0.3	3.05e-02	13.4	13.4	13.4	13.4	-62.2	-50.4	96.7	266.8	3517.7	-280.6
856	ok	0.15	0.4	2.96e-02	13.4	13.4	13.4	13.4	-50.4	-52.1	92.1	333.8	4008.4	-240.2
857	ok	0.15	0.4	2.77e-02	13.4	13.4	13.4	13.4	-38.1	-53.2	81.3	388.5	4393.1	-212.2
858	ok	0.15	0.5	2.48e-02	13.4	13.4	13.4	13.4	-27.3	-55.6	64.7	430.2	4709.5	-202.5
859	ok	0.15	0.6	2.14e-02	13.4	13.4	13.4	13.4	-13.4	-127.7	-5.5	1084.3	1.023e+04	814.0
860	ok	0.15	0.6	2.55e-02	13.4	13.4	13.4	13.4	-18.1	-167.5	-5.5	1215.7	1.133e+04	858.9
861	ok	0.15	0.7	3.87e-02	13.4	13.4	13.4	13.4	-25.4	-253.6	-18.3	475.3	9973.1	1044.3
862	ok	0.15	0.2	1.45e-02	13.4	13.4	13.4	13.4	-24.9	-29.5	9.0	471.0	1518.5	1211.0
863	ok	0.15	0.2	2.14e-02	13.4	13.4	13.4	13.4	-16.5	-21.7	-52.5	287.0	956.9	1755.1
864	ok	0.15	0.3	2.46e-02	13.4	13.4	13.4	13.4	-30.6	-43.4	-80.5	40.6	3160.8	522.2
865	ok	0.15	0.3	2.56e-02	13.4	13.4	13.4	13.4	-33.4	-52.0	-89.7	185.2	3927.9	384.7
866	ok	0.15	0.4	2.65e-02	13.4	13.4	13.4	13.4	-28.9	-56.9	-87.1	358.1	4558.6	222.6
867	ok	0.15	0.5	2.70e-02	13.4	13.4	13.4	13.4	-23.8	-60.9	-76.9	463.0	5076.0	170.8
868	ok	0.15	0.5	2.65e-02	13.4	13.4	13.4	13.4	-16.6	-65.9	-60.7	536.6	5520.7	150.4
869	ok	0.15	0.6	2.55e-02	13.4	13.4	13.4	13.4	-12.8	-135.2	7.7	1022.9	1.072e+04	-394.7
870	ok	0.15	0.6	2.89e-02	13.4	13.4	13.4	13.4	-18.0	-177.9	7.7	1162.4	1.188e+04	-443.6
871	ok	0.15	0.7	4.14e-02	13.4	13.4	13.4	13.4	-14.2	-271.1	20.7	433.1	1.057e+04	-860.9
872	ok	0.15	0.2	1.48e-02	13.4	13.4	13.4	13.4	11.2	46.5	-54.1	-620.4	555.7	1136.3
873	ok	0.15	0.2	1.71e-02	13.4	13.4	13.4	13.4	2.3	-7.4	-70.1	-429.9	1185.9	1149.1
874	ok	0.15	0.2	1.98e-02	13.4	13.4	13.4	13.4	-0.7	-32.7	-70.1	-365.0	1727.5	1050.9
875	ok	0.15	0.3	2.29e-02	13.4	13.4	13.4	13.4	-6.1	-49.0	-83.5	-242.2	2252.4	854.2
876	ok	0.15	0.3	2.44e-02	13.4	13.4	13.4	13.4	-10.2	-61.0	-88.6	-94.1	2731.0	677.7
877	ok	0.15	0.3	2.56e-02	13.4	13.4	13.4	13.4	-10.7	-71.4	-77.7	152.3	3162.5	481.6
878	ok	0.15	0.3	2.70e-02	13.4	13.4	13.4	13.4	-7.7	-82.6	-63.1	254.8	3517.0	409.8
879	ok	0.15	0.3	2.78e-02	13.4	13.4	13.4	13.4	-8.7	-143.9	5.4	589.8	6469.7	-1002.3
880	ok	0.15	0.4	2.94e-02	13.4	13.4	13.4	13.4	-14.0	-188.5	5.4	676.2	7189.9	-952.0
881	ok	0.15	0.4	3.53e-02	13.4	13.4	13.4	13.4	-7.1	-232.5	6.3	386.8	7650.7	-594.8
882	ok	0.15	0.2	1.86e-02	13.4	13.4	13.4	13.4	30.3	81.0	-44.2	-993.5	243.9	1384.3
883	ok	0.15	0.2	1.95e-02	13.4	13.4	13.4	13.4	-33.9	-66.9	35.1	1204.8	251.8	1449.4
884	ok	0.15	0.3	1.95e-02	13.4	13.4	13.4	13.4	-24.7	-71.2	49.1	-513.4	-294.2	1786.6
885	ok	0.15	0.3	1.95e-02	13.4	13.4	13.4	13.4	-24.6	-70.8	48.2	-405.3	606.8	1657.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
886	ok	0.15	0.3	2.23e-02	13.4	13.4	13.4	13.4	3.8	-62.4	-79.5	-484.5	1350.2	981.9
887	ok	0.15	0.2	2.47e-02	13.4	13.4	13.4	13.4	-0.8	-79.8	-79.8	-310.3	1630.6	814.3
888	ok	0.15	0.2	2.71e-02	13.4	13.4	13.4	13.4	-3.6	-97.5	-73.6	-134.6	1881.2	685.1
889	ok	0.15	0.2	2.98e-02	13.4	13.4	13.4	13.4	-4.5	-157.0	1.3	394.0	4293.1	-427.7
890	ok	0.15	0.2	3.28e-02	13.4	13.4	13.4	13.4	-8.8	-192.9	1.3	454.3	4795.7	-400.2
891	ok	0.15	0.2	3.76e-02	13.4	13.4	13.4	13.4	-4.2	-225.8	1.2	256.2	4948.9	-240.4
892	ok	0.15	0.3	2.19e-02	13.4	13.4	13.4	13.4	-61.6	-81.0	15.9	4493.4	396.1	763.8
893	ok	0.15	0.2	2.14e-02	13.4	13.4	13.4	13.4	-55.8	-85.3	31.8	1873.0	-155.4	1385.7
894	ok	0.15	0.3	2.07e-02	13.4	13.4	13.4	13.4	-39.9	-75.5	46.6	-608.1	-617.6	1789.2
895	ok	0.15	0.3	2.03e-02	13.4	13.4	13.4	13.4	-32.3	-68.0	47.1	-989.0	-783.8	1752.4
896	ok	0.15	0.3	2.01e-02	13.4	13.4	13.4	13.4	-31.5	-61.6	47.1	-997.4	-853.7	1687.4
897	ok	0.15	0.3	2.36e-02	13.4	13.4	13.4	13.4	3.8	-85.7	-65.9	-456.0	485.5	884.3
898	ok	0.15	0.3	2.70e-02	13.4	13.4	13.4	13.4	1.0	-109.2	-65.9	-441.4	606.4	819.6
899	ok	0.15	0.3	3.15e-02	13.4	13.4	13.4	13.4	-2.1	-134.2	-56.0	-238.2	742.3	728.8
900	ok	0.15	0.3	3.67e-02	13.4	13.4	13.4	13.4	0.5	-195.0	8.31e-02	152.7	2894.5	-67.7
901	ok	0.15	0.2	4.38e-02	13.4	13.4	13.4	13.4	-3.5	-228.5	8.31e-02	172.4	3058.6	-7.6
902	ok	0.15	0.3	2.46e-02	13.4	13.4	13.4	13.4	-79.8	-99.9	14.0	5839.8	493.2	656.6
903	ok	0.15	0.2	2.28e-02	13.4	13.4	13.4	13.4	-72.2	-87.3	31.8	2623.3	-65.4	1303.8
904	ok	0.15	0.3	2.16e-02	13.4	13.4	13.4	13.4	-53.7	-80.3	41.2	-614.9	-778.6	1634.8
905	ok	0.15	0.3	2.08e-02	13.4	13.4	13.4	13.4	-43.3	-68.7	42.2	-1180.8	-1094.4	1641.9
906	ok	0.15	0.3	1.93e-02	13.4	13.4	13.4	13.4	-42.2	-59.5	42.2	-1206.5	-1309.0	1599.4
907	ok	0.15	0.3	2.23e-02	13.4	13.4	13.4	13.4	15.3	-80.4	-56.1	-717.1	-707.6	641.0
908	ok	0.15	0.3	2.69e-02	13.4	13.4	13.4	13.4	7.3	-117.8	-53.5	-535.0	-728.6	552.9
909	ok	0.15	0.3	3.30e-02	13.4	13.4	13.4	13.4	-2.9	-163.9	-38.8	-555.9	-1127.6	760.3
910	ok	0.15	0.3	4.00e-02	13.4	13.4	13.4	13.4	-4.0	-203.1	-32.2	-216.9	-766.0	494.1
911	ok	0.15	0.2	4.91e-02	13.4	13.4	13.4	13.4	-5.5	-256.5	-12.5	-90.7	-770.3	378.7
912	ok	0.15	0.4	2.65e-02	13.4	13.4	13.4	13.4	-93.9	-117.0	11.7	7006.1	611.1	530.0
913	ok	0.15	0.2	2.37e-02	13.4	13.4	13.4	13.4	-85.8	-97.3	27.0	3309.9	-48.5	1097.4
914	ok	0.15	0.3	2.21e-02	13.4	13.4	13.4	13.4	-75.2	-82.9	36.5	872.8	-600.1	1436.2
915	ok	0.15	0.3	2.08e-02	13.4	13.4	13.4	13.4	-52.8	-69.9	35.0	-1302.9	-1267.6	1408.4
916	ok	0.15	0.3	1.88e-02	13.4	13.4	13.4	13.4	-51.4	-58.1	35.0	-1340.9	-1584.5	1383.6
917	ok	0.15	0.3	2.10e-02	13.4	13.4	13.4	13.4	17.3	-82.6	-42.9	-888.0	-1091.2	580.4
918	ok	0.15	0.3	2.69e-02	13.4	13.4	13.4	13.4	8.8	-124.9	-41.1	-679.8	-1156.1	504.0
919	ok	0.15	0.3	3.43e-02	13.4	13.4	13.4	13.4	1.5	-170.4	-35.2	-479.0	-1210.5	453.5
920	ok	0.15	0.3	4.29e-02	13.4	13.4	13.4	13.4	-3.7	-221.6	-24.8	-281.2	-1266.1	447.9
921	ok	0.15	0.3	5.38e-02	13.4	13.4	13.4	13.4	-5.5	-281.5	-9.6	-105.2	-1283.0	336.2
922	ok	0.15	0.4	2.79e-02	13.4	13.4	13.4	13.4	-104.2	-131.4	9.2	7942.6	720.1	400.7
923	ok	0.15	0.2	2.42e-02	13.4	13.4	13.4	13.4	-95.8	-106.3	21.5	3891.7	0.6	856.6
924	ok	0.15	0.2	2.21e-02	13.4	13.4	13.4	13.4	-84.7	-87.4	29.4	1157.0	-641.2	1145.9
925	ok	0.15	0.3	2.02e-02	13.4	13.4	13.4	13.4	-60.1	-70.8	35.0	-1362.6	-1274.7	1260.2
926	ok	0.15	0.3	1.79e-02	13.4	13.4	13.4	13.4	-2.6	-73.6	35.3	-1374.6	-1851.3	1107.2
927	ok	0.15	0.3	1.99e-02	13.4	13.4	13.4	13.4	-5.8	-99.8	35.3	-1408.2	-2130.8	1059.2
928	ok	0.15	0.3	2.68e-02	13.4	13.4	13.4	13.4	9.3	-130.1	-28.3	-796.3	-1462.2	414.1
929	ok	0.15	0.3	3.52e-02	13.4	13.4	13.4	13.4	1.7	-179.6	-24.4	-567.5	-1546.2	373.2
930	ok	0.15	0.3	4.52e-02	13.4	13.4	13.4	13.4	-3.6	-235.3	-17.2	-332.6	-1628.7	366.9
931	ok	0.15	0.3	5.73e-02	13.4	13.4	13.4	13.4	-5.4	-299.8	-6.6	-116.1	-1655.2	270.2
932	ok	0.15	0.5	2.88e-02	13.4	13.4	13.4	13.4	-111.2	-142.4	6.7	8623.5	805.4	275.2
933	ok	0.15	0.3	2.42e-02	13.4	13.4	13.4	13.4	-102.6	-113.5	15.5	4329.9	52.2	600.7
934	ok	0.15	0.2	2.15e-02	13.4	13.4	13.4	13.4	-91.1	-91.2	21.5	1385.4	-644.5	814.6
935	ok	0.15	0.2	1.92e-02	13.4	13.4	13.4	13.4	-65.2	-71.8	26.1	-1402.9	-1361.7	910.1
936	ok	0.15	0.3	1.66e-02	13.4	13.4	13.4	13.4	-4.8	-68.7	39.2	-1517.5	-2089.8	820.9
937	ok	0.15	0.3	1.90e-02	13.4	13.4	13.4	13.4	-7.9	-94.8	39.2	-1559.4	-2439.0	790.4
938	ok	0.15	0.3	2.68e-02	13.4	13.4	13.4	13.4	-7.5	-121.0	32.0	-1357.8	-2723.2	714.4
939	ok	0.15	0.3	3.58e-02	13.4	13.4	13.4	13.4	-3.3	-186.9	-10.7	-938.0	-2435.8	392.7
940	ok	0.15	0.3	4.67e-02	13.4	13.4	13.4	13.4	-3.5	-244.0	-9.5	-369.7	-1867.7	259.3
941	ok	0.15	0.3	5.95e-02	13.4	13.4	13.4	13.4	-5.2	-311.4	-3.7	-123.0	-1900.7	186.3
942	ok	0.15	0.5	2.93e-02	13.4	13.4	13.4	13.4	-115.4	-149.8	4.0	9035.8	859.6	154.8
943	ok	0.15	0.3	2.37e-02	13.4	13.4	13.4	13.4	-106.6	-118.5	9.4	4601.1	89.7	339.1
944	ok	0.15	0.2	2.05e-02	13.4	13.4	13.4	13.4	-94.9	-94.0	13.1	1532.1	-636.8	460.9
945	ok	0.15	0.2	1.78e-02	13.4	13.4	13.4	13.4	-68.3	-72.7	16.1	-1420.6	-1402.8	518.0
946	ok	0.15	0.2	1.50e-02	13.4	13.4	13.4	13.4	-7.0	-69.0	39.2	-1591.1	-2098.7	657.6
947	ok	0.15	0.3	1.83e-02	13.4	13.4	13.4	13.4	-9.5	-89.6	42.5	-1652.4	-2609.3	462.5
948	ok	0.15	0.3	2.68e-02	13.4	13.4	13.4	13.4	-9.3	-121.2	32.0	-1442.0	-2733.3	568.1
949	ok	0.15	0.3	3.60e-02	13.4	13.4	13.4	13.4	-3.6	-188.7	-1.7	-993.2	-2577.0	193.4
950	ok	0.15	0.3	4.73e-02	13.4	13.4	13.4	13.4	-3.4	-247.7	-1.9	-391.4	-1993.2	133.5
951	ok	0.15	0.3	6.04e-02	13.4	13.4	13.4	13.4	-5.0	-316.4	-0.8	-125.3	-2029.6	90.3
952	ok	0.15	0.5	2.93e-02	13.4	13.4	13.4	13.4	-116.9	-153.4	1.3	9173.9	879.1	38.0
953	ok	0.15	0.3	2.32e-02	13.4	13.4	13.4	13.4	-108.0	-121.0	3.1	4693.0	104.8	75.8
954	ok	0.15	0.1	1.91e-02	13.4	13.4	13.4	13.4	-96.2	-95.4	4.4	1582.6	-632.8	96.8
955	ok	0.15	0.2	1.62e-02	13.4	13.4	13.4	13.4	-69.3	-73.2	5.4	-1425.8	-1418.5	104.7
956	ok	0.15	0.2	1.43e-02	13.4	13.4	13.4	13.4	-7.9	-64.4	42.5	-1637.1	-2220.7	292.2
957	ok	0.15	0.2	1.80e-02	13.4	13.4	13.4	13.4	-10.9	-89.8	42.5	-1684.2	-2613.1	279.0
958	ok	0.15	0.3	2.67e-02	13.4	13.4	13.4	13.4	2.2	-139.6	-1.7	-980.9	-2346.8	91.4
959	ok	0.15	0.3	3.61e-02	13.4	13.4	13.4	13.4	-3.7	-188.7	-1.7	-1008.7	-2578.9	85.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
960	ok	0.15	0.3	4.73e-02	13.4	13.4	13.4	13.4	-3.3	-247.7	-1.9	-395.0	-1993.6	64.6
961	ok	0.15	0.3	6.04e-02	13.4	13.4	13.4	13.4	-4.8	-316.4	-0.8	-120.4	-2029.1	57.9
962	ok	0.15	0.5	2.93e-02	13.4	13.4	13.4	13.4	-115.4	-149.8	-4.0	9035.8	859.6	-154.8
963	ok	0.15	0.3	2.37e-02	13.4	13.4	13.4	13.4	-106.6	-118.5	-9.4	4601.1	89.7	-339.1
964	ok	0.15	0.2	2.05e-02	13.4	13.4	13.4	13.4	-94.9	-94.0	-13.1	1532.1	-636.8	-460.9
965	ok	0.15	0.2	1.78e-02	13.4	13.4	13.4	13.4	-68.3	-72.7	-16.1	-1420.6	-1402.8	-518.0
966	ok	0.15	0.2	1.50e-02	13.4	13.4	13.4	13.4	-7.1	-68.2	-34.7	-1594.4	-2109.6	-618.0
967	ok	0.15	0.3	1.84e-02	13.4	13.4	13.4	13.4	-10.2	-93.9	-34.7	-1636.9	-2463.3	-588.5
968	ok	0.15	0.3	2.66e-02	13.4	13.4	13.4	13.4	2.4	-136.2	16.3	-962.7	-2265.4	-244.8
969	ok	0.15	0.3	3.59e-02	13.4	13.4	13.4	13.4	-3.7	-187.7	7.3	-1002.0	-2592.5	-129.4
970	ok	0.15	0.3	4.71e-02	13.4	13.4	13.4	13.4	-3.6	-246.5	5.6	-397.0	-2011.2	-71.8
971	ok	0.15	0.3	6.02e-02	13.4	13.4	13.4	13.4	-5.1	-315.0	2.1	-125.8	-2048.3	-44.6
972	ok	0.15	0.5	2.88e-02	13.4	13.4	13.4	13.4	-111.2	-142.4	-6.7	8623.5	805.4	-275.2
973	ok	0.15	0.3	2.42e-02	13.4	13.4	13.4	13.4	-102.6	-113.5	-15.5	4329.9	52.2	-600.7
974	ok	0.15	0.2	2.15e-02	13.4	13.4	13.4	13.4	-91.1	-91.2	-21.5	1385.4	-644.5	-814.6
975	ok	0.15	0.2	1.92e-02	13.4	13.4	13.4	13.4	-65.2	-71.8	-26.1	-1402.9	-1361.7	-910.1
976	ok	0.15	0.3	1.66e-02	13.4	13.4	13.4	13.4	-5.1	-67.9	-34.7	-1523.1	-2101.0	-783.4
977	ok	0.15	0.3	1.91e-02	13.4	13.4	13.4	13.4	-8.1	-93.7	-34.7	-1565.5	-2454.7	-753.9
978	ok	0.15	0.3	2.66e-02	13.4	13.4	13.4	13.4	2.2	-136.2	16.3	-930.8	-2261.6	-348.5
979	ok	0.15	0.3	3.54e-02	13.4	13.4	13.4	13.4	-3.5	-183.8	16.3	-957.4	-2483.5	-335.3
980	ok	0.15	0.3	4.60e-02	13.4	13.4	13.4	13.4	-3.7	-240.3	13.2	-383.0	-1923.3	-204.2
981	ok	0.15	0.3	5.87e-02	13.4	13.4	13.4	13.4	-5.4	-307.1	5.0	-125.9	-1959.1	-144.9
982	ok	0.15	0.4	2.79e-02	13.4	13.4	13.4	13.4	-104.2	-131.4	-9.2	7942.6	720.1	-400.7
983	ok	0.15	0.2	2.42e-02	13.4	13.4	13.4	13.4	-95.8	-106.3	-21.5	3891.7	0.6	-856.6
984	ok	0.15	0.2	2.21e-02	13.4	13.4	13.4	13.4	-84.7	-87.4	-29.4	1157.0	-641.2	-1145.9
985	ok	0.15	0.3	2.02e-02	13.4	13.4	13.4	13.4	-60.1	-70.8	-35.0	-1362.6	-1274.7	-1260.2
986	ok	0.15	0.3	1.79e-02	13.4	13.4	13.4	13.4	-3.0	-72.2	-30.8	-1383.9	-1872.7	-1076.4
987	ok	0.15	0.3	2.01e-02	13.4	13.4	13.4	13.4	-6.1	-98.0	-30.8	-1418.4	-2160.2	-1029.4
988	ok	0.15	0.3	2.65e-02	13.4	13.4	13.4	13.4	8.9	-125.8	35.4	-826.0	-1533.4	-363.6
989	ok	0.15	0.3	3.45e-02	13.4	13.4	13.4	13.4	1.5	-174.5	29.8	-597.8	-1632.2	-328.2
990	ok	0.15	0.3	4.41e-02	13.4	13.4	13.4	13.4	-3.8	-229.1	20.7	-353.7	-1728.2	-324.0
991	ok	0.15	0.3	5.59e-02	13.4	13.4	13.4	13.4	-5.5	-292.6	7.9	-121.5	-1759.6	-236.9
992	ok	0.15	0.4	2.65e-02	13.4	13.4	13.4	13.4	-93.9	-117.0	-11.7	7006.1	611.1	-530.0
993	ok	0.15	0.2	2.37e-02	13.4	13.4	13.4	13.4	-85.8	-97.3	-27.0	3309.9	-48.5	-1097.4
994	ok	0.15	0.3	2.21e-02	13.4	13.4	13.4	13.4	-75.2	-82.9	-36.5	872.8	-600.1	-1436.2
995	ok	0.15	0.3	2.08e-02	13.4	13.4	13.4	13.4	-52.8	-69.9	-35.0	-1302.9	-1267.6	-1408.4
996	ok	0.15	0.3	1.88e-02	13.4	13.4	13.4	13.4	-51.4	-58.1	-35.0	-1340.9	-1584.5	-1383.6
997	ok	0.15	0.3	2.12e-02	13.4	13.4	13.4	13.4	16.6	-77.8	51.0	-916.3	-1180.8	-543.8
998	ok	0.15	0.3	2.64e-02	13.4	13.4	13.4	13.4	8.4	-119.0	47.9	-721.2	-1269.2	-472.7
999	ok	0.15	0.3	3.33e-02	13.4	13.4	13.4	13.4	1.2	-163.2	40.5	-521.0	-1345.1	-427.1
1000	ok	0.15	0.3	4.14e-02	13.4	13.4	13.4	13.4	-3.7	-194.8	30.8	-375.3	-1386.8	-703.2
1001	ok	0.15	0.3	5.19e-02	13.4	13.4	13.4	13.4	-5.6	-271.5	10.8	-112.8	-1444.4	-315.0
1002	ok	0.15	0.3	2.46e-02	13.4	13.4	13.4	13.4	-79.8	-99.9	-14.0	5839.8	493.2	-656.6
1003	ok	0.15	0.2	2.28e-02	13.4	13.4	13.4	13.4	-72.2	-87.3	-31.8	2623.3	-65.4	-1303.8
1004	ok	0.15	0.3	2.16e-02	13.4	13.4	13.4	13.4	-53.7	-80.3	-41.2	-614.9	-778.6	-1634.8
1005	ok	0.15	0.3	2.08e-02	13.4	13.4	13.4	13.4	-43.3	-68.7	-42.2	-1180.8	-1094.4	-1641.9
1006	ok	0.15	0.3	1.93e-02	13.4	13.4	13.4	13.4	-42.2	-59.5	-42.2	-1206.5	-1309.0	-1599.4
1007	ok	0.15	0.3	2.24e-02	13.4	13.4	13.4	13.4	14.5	-74.4	63.9	-755.8	-844.9	-631.7
1008	ok	0.15	0.3	2.64e-02	13.4	13.4	13.4	13.4	6.9	-110.2	60.1	-588.9	-897.8	-548.0
1009	ok	0.15	0.3	3.18e-02	13.4	13.4	13.4	13.4	0.5	-148.7	50.9	-423.3	-943.0	-495.7
1010	ok	0.15	0.3	3.82e-02	13.4	13.4	13.4	13.4	-4.1	-192.2	35.6	-254.8	-990.3	-493.6
1011	ok	0.15	0.3	4.67e-02	13.4	13.4	13.4	13.4	-5.6	-243.9	13.7	-100.6	-1004.5	-374.0
1012	ok	0.15	0.3	2.19e-02	13.4	13.4	13.4	13.4	-61.6	-81.0	-15.9	4493.4	396.1	-763.8
1013	ok	0.15	0.2	2.14e-02	13.4	13.4	13.4	13.4	-55.8	-85.3	-31.8	1873.0	-155.4	-1385.7
1014	ok	0.15	0.3	2.07e-02	13.4	13.4	13.4	13.4	-39.9	-75.5	-46.6	-608.1	-617.6	-1789.2
1015	ok	0.15	0.3	2.03e-02	13.4	13.4	13.4	13.4	-32.3	-68.0	-47.1	-989.0	-783.8	-1752.4
1016	ok	0.15	0.3	2.04e-02	13.4	13.4	13.4	13.4	-31.5	-61.6	-47.1	-997.4	-853.7	-1687.4
1017	ok	0.15	0.3	2.35e-02	13.4	13.4	13.4	13.4	3.5	-77.7	71.8	-527.9	196.0	-935.6
1018	ok	0.15	0.3	2.64e-02	13.4	13.4	13.4	13.4	-0.5	-110.2	52.9	-429.3	-576.8	-828.9
1019	ok	0.15	0.3	3.01e-02	13.4	13.4	13.4	13.4	-2.2	-156.4	1.0	184.5	2359.9	47.9
1020	ok	0.15	0.3	3.45e-02	13.4	13.4	13.4	13.4	-6.0	-187.5	1.0	222.2	2674.7	37.6
1021	ok	0.15	0.2	4.09e-02	13.4	13.4	13.4	13.4	-3.3	-218.9	0.6	157.9	2816.8	-10.3
1022	ok	0.15	0.2	1.86e-02	13.4	13.4	13.4	13.4	-39.0	-61.9	-16.4	3058.4	377.5	-816.0
1023	ok	0.15	0.2	1.95e-02	13.4	13.4	13.4	13.4	-33.9	-66.9	-35.1	1204.8	251.8	-1449.4
1024	ok	0.15	0.3	1.95e-02	13.4	13.4	13.4	13.4	-24.7	-71.2	-49.1	-513.4	-294.2	-1786.6
1025	ok	0.15	0.3	2.01e-02	13.4	13.4	13.4	13.4	-24.6	-70.8	-48.2	-405.3	606.8	-1657.2
1026	ok	0.15	0.3	2.25e-02	13.4	13.4	13.4	13.4	2.8	-55.7	85.8	-524.0	1030.0	-1089.3
1027	ok	0.15	0.3	2.46e-02	13.4	13.4	13.4	13.4	-0.9	-71.1	85.7	-384.3	1232.2	-920.4
1028	ok	0.15	0.2	2.64e-02	13.4	13.4	13.4	13.4	-3.2	-86.6	79.0	-228.2	1410.8	-788.5
1029	ok	0.15	0.2	2.83e-02	13.4	13.4	13.4	13.4	-4.3	-149.6	0.7	358.0	4009.4	375.1
1030	ok	0.15	0.2	3.04e-02	13.4	13.4	13.4	13.4	-8.4	-183.4	0.7	414.2	4478.3	349.8
1031	ok	0.15	0.2	3.42e-02	13.4	13.4	13.4	13.4	-4.0	-214.5	-0.4	238.2	4622.6	205.6
1032	ok	0.15	0.2	1.48e-02	13.4	13.4	13.4	13.4	-15.7	-59.1	-16.4	1656.2	209.2	-815.1
1033	ok	0.15	0.2	1.71e-02	13.4	13.4	13.4	13.4	-0.6	-7.0	75.5	-363.7	1062.5	-1315.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
1034	ok	0.15	0.2	2.07e-02	13.4	13.4	13.4	13.4	-5.7	-30.2	89.1	-300.1	1511.2	-1136.2
1035	ok	0.15	0.3	2.34e-02	13.4	13.4	13.4	13.4	-7.4	-43.9	89.1	-250.2	1927.5	-1046.7
1036	ok	0.15	0.3	2.46e-02	13.4	13.4	13.4	13.4	-10.6	-53.9	94.0	-148.0	2299.6	-872.3
1037	ok	0.15	0.3	2.55e-02	13.4	13.4	13.4	13.4	-11.9	-62.5	91.6	-31.3	2617.3	-730.6
1038	ok	0.15	0.3	2.63e-02	13.4	13.4	13.4	13.4	-14.1	-113.3	8.3	614.0	5447.7	911.8
1039	ok	0.15	0.3	2.63e-02	13.4	13.4	13.4	13.4	-17.0	-137.3	8.3	693.0	6106.2	914.4
1040	ok	0.15	0.4	2.80e-02	13.4	13.4	13.4	13.4	-13.3	-177.9	-3.0	627.7	6760.3	864.1
1041	ok	0.15	0.4	3.32e-02	13.4	13.4	13.4	13.4	-6.6	-218.7	-5.0	362.0	7189.9	536.1
1042	ok	0.15	0.2	1.57e-02	13.4	13.4	13.4	13.4	-30.1	-22.8	28.7	728.4	1003.9	-884.3
1043	ok	0.15	0.2	2.24e-02	13.4	13.4	13.4	13.4	-27.0	-28.4	64.2	34.8	2073.4	-864.3
1044	ok	0.15	0.3	2.53e-02	13.4	13.4	13.4	13.4	-31.1	-41.0	84.9	53.9	2867.2	-705.5
1045	ok	0.15	0.3	2.60e-02	13.4	13.4	13.4	13.4	-33.1	-47.0	94.8	152.2	3504.0	-581.6
1046	ok	0.15	0.4	2.68e-02	13.4	13.4	13.4	13.4	-32.0	-49.9	96.7	242.1	3997.4	-475.0
1047	ok	0.15	0.5	2.68e-02	13.4	13.4	13.4	13.4	-22.6	-51.3	81.3	360.2	4389.7	-360.0
1048	ok	0.15	0.5	2.58e-02	13.4	13.4	13.4	13.4	-22.9	-114.3	8.3	620.3	5448.5	1219.6
1049	ok	0.15	0.6	2.41e-02	13.4	13.4	13.4	13.4	-11.8	-127.5	-5.5	975.8	1.022e+04	302.1
1050	ok	0.15	0.6	2.72e-02	13.4	13.4	13.4	13.4	-16.6	-167.3	-5.5	1107.2	1.132e+04	347.0
1051	ok	0.15	0.7	3.85e-02	13.4	13.4	13.4	13.4	-13.0	-252.1	-18.3	408.2	9965.0	789.6
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
									-121.85	-316.43	-91.52	-1910.73	-2733.33	-1789.20
		0.15	0.70	0.06	13.40	13.40	13.40	13.40	48.13	225.84	96.70	9184.13	1.189e+04	1789.20

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
421	ok	4.27						
422	ok	3.41						
423	ok Av	5.02	0.02	0.23	0.6	5.9	17.8	171.9
424	ok Av	5.15	0.06	0.23	1.5	5.9	42.2	171.9
425	ok Av	5.31	0.08	0.23	2.1	5.9	61.7	171.9
426	ok Av	5.15	0.10	0.21	2.7	5.5	77.1	159.4
427	ok Av	4.79	0.12	0.18	3.1	4.8	88.8	138.7
428	ok Av	4.33	0.13	0.15	3.4	3.9	97.4	112.8
429	ok	3.86						
430	ok	3.80						
431	ok	3.83						
432	ok	3.80						
433	ok	3.88						
434	ok Av	4.37	0.13	0.15	3.4	3.9	98.4	113.6
435	ok Av	4.83	0.12	0.19	3.1	4.8	90.2	139.6
436	ok Av	5.20	0.10	0.21	2.7	5.5	78.9	160.5
437	ok Av	5.37	0.08	0.23	2.2	6.0	63.9	173.4
438	ok Av	5.22	0.06	0.23	1.5	6.0	44.8	173.9
439	ok Av	5.09	0.03	0.23	0.7	6.0	20.4	173.9
440	ok Av	4.34	3.50e-03	0.20	9.12e-02	5.2	2.6	149.4
441	ok	3.54						
642	ok	3.51						
643	ok	4.14						
644	ok Av	4.40	0.19	0.07	4.9	1.9	140.7	56.2
645	ok Av	4.58	0.19	0.09	4.9	2.4	140.7	70.6
646	ok Av	4.66	0.18	0.11	4.8	2.8	138.4	80.7
647	ok Av	4.67	0.18	0.12	4.6	3.0	134.4	88.2
648	ok Av	4.71	0.17	0.13	4.5	3.3	130.8	95.9
649	ok Av	4.91	0.17	0.16	4.5	4.1	129.7	118.3
650	ok Av	4.84	0.16	0.17	4.2	4.5	120.3	130.8
651	ok Av	7.05	0.09	0.31	2.4	8.0	68.5	232.6
852	ok	3.69						
853	ok Av	4.37	0.19	0.04	5.1	1.2	146.6	33.3
854	ok Av	4.64	0.20	0.07	5.2	1.9	150.0	54.9
855	ok Av	4.80	0.20	0.09	5.2	2.4	150.0	69.3
856	ok Av	4.88	0.20	0.11	5.1	2.7	148.0	79.1
857	ok Av	4.88	0.19	0.11	5.0	3.0	143.8	86.4
858	ok Av	4.89	0.19	0.12	4.8	3.2	139.9	93.6
859	ok Av	5.06	0.18	0.15	4.8	4.0	138.7	115.4
860	ok Av	4.95	0.17	0.17	4.5	4.4	129.0	126.8
861	ok Av	7.22	0.10	0.31	2.7	8.2	76.9	236.2
862	ok	1.44						
863	ok	1.79						
864	ok	2.07						
865	ok	2.28						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
866	ok	2.57						
867	ok	2.81						
868	ok	3.07						
869	ok	3.46						
870	ok	3.82						
871	ok Av	6.95	0.02	0.32	0.6	8.2	17.4	238.5
872	ok	1.08						
873	ok	1.07						
874	ok	1.39						
875	ok	1.74						
876	ok	2.06						
877	ok	2.32						
878	ok	2.57						
879	ok	2.79						
880	ok	2.45						
881	ok Av	6.98	8.82e-04	0.32	2.30e-02	8.3	0.7	240.1
882	ok	1.87						
883	ok	1.04						
884	ok	0.99						
885	ok	1.28						
886	ok	1.59						
887	ok	1.84						
888	ok	2.02						
889	ok	2.15						
890	ok	1.76						
891	ok Av	6.98	3.10e-03	0.32	8.06e-02	8.3	2.3	240.1
892	ok	2.49						
893	ok	1.58						
894	ok	1.02						
895	ok	1.02						
896	ok	1.22						
897	ok	1.42						
898	ok	1.56						
899	ok	1.67						
900	ok	1.27						
901	ok Av	6.52	5.37e-03	0.30	0.1	7.7	4.0	224.1
902	ok	2.97						
903	ok	2.01						
904	ok	1.28						
905	ok	1.03						
906	ok	1.00						
907	ok	1.09						
908	ok	1.19						
909	ok	1.28						
910	ok	0.94						
911	ok Av	5.85	7.39e-03	0.27	0.2	7.0	5.6	201.3
912	ok	3.32						
913	ok	2.34						
914	ok	1.56						
915	ok	1.13						
916	ok	0.92						
917	ok	0.87						
918	ok	0.90						
919	ok	0.97						
920	ok	0.68						
921	ok Av	5.07	8.92e-03	0.23	0.2	6.0	6.7	174.1
922	ok	3.56						
923	ok	2.59						
924	ok	1.78						
925	ok	1.24						
926	ok	0.93						
927	ok	0.74						
928	ok	0.67						
929	ok	0.71						
930	ok	0.49						
931	ok	4.13						
932	ok	3.72						
933	ok	2.75						
934	ok	1.92						
935	ok	1.33						
936	ok	0.96						
937	ok	0.68						
938	ok	0.51						
939	ok	0.50						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
940	ok	0.35						
941	ok	3.07						
942	ok	3.80						
943	ok	2.84						
944	ok	2.01						
945	ok	1.39						
946	ok	0.99						
947	ok	0.66						
948	ok	0.41						
949	ok	0.33						
950	ok	0.28						
951	ok	1.94						
952	ok	3.83						
953	ok	2.87						
954	ok	2.04						
955	ok	1.40						
956	ok	0.99						
957	ok	0.64						
958	ok	0.35						
959	ok	0.25						
960	ok	0.26						
961	ok	0.77						
962	ok	3.80						
963	ok	2.84						
964	ok	2.01						
965	ok	1.39						
966	ok	0.99						
967	ok	0.66						
968	ok	0.40						
969	ok	0.31						
970	ok	0.28						
971	ok	1.87						
972	ok	3.72						
973	ok	2.75						
974	ok	1.92						
975	ok	1.34						
976	ok	0.97						
977	ok	0.68						
978	ok	0.50						
979	ok	0.48						
980	ok	0.34						
981	ok	3.02						
982	ok	3.56						
983	ok	2.59						
984	ok	1.78						
985	ok	1.26						
986	ok	0.94						
987	ok	0.73						
988	ok	0.66						
989	ok	0.69						
990	ok	0.47						
991	ok	4.08						
992	ok	3.32						
993	ok	2.34						
994	ok	1.56						
995	ok	1.15						
996	ok	0.92						
997	ok	0.86						
998	ok	0.87						
999	ok	0.94						
1000	ok	0.66						
1001	ok Av	5.03	9.05e-03	0.23	0.2	6.0	6.8	172.8
1002	ok	2.97						
1003	ok	2.01						
1004	ok	1.28						
1005	ok	1.04						
1006	ok	0.99						
1007	ok	1.07						
1008	ok	1.16						
1009	ok	1.25						
1010	ok	0.90						
1011	ok Av	5.83	7.55e-03	0.27	0.2	6.9	5.7	200.5
1012	ok	2.49						
1013	ok	1.58						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
1014	ok	1.05						
1015	ok	1.02						
1016	ok	1.20						
1017	ok	1.38						
1018	ok	1.52						
1019	ok	1.62						
1020	ok	1.22						
1021	ok Av	6.51	5.56e-03	0.30	0.1	7.7	4.2	224.0
1022	ok	1.87						
1023	ok	1.04						
1024	ok	0.94						
1025	ok	1.25						
1026	ok	1.55						
1027	ok	1.79						
1028	ok	1.97						
1029	ok	2.10						
1030	ok	1.69						
1031	ok Av	7.00	3.34e-03	0.32	8.68e-02	8.3	2.5	240.9
1032	ok	1.08						
1033	ok	1.02						
1034	ok	1.34						
1035	ok	1.70						
1036	ok	2.01						
1037	ok	2.27						
1038	ok	2.50						
1039	ok	2.72						
1040	ok	2.36						
1041	ok Av	7.00	1.18e-03	0.32	3.07e-02	8.3	0.9	240.9
1042	ok	1.35						
1043	ok	1.71						
1044	ok	1.99						
1045	ok	2.22						
1046	ok	2.51						
1047	ok	2.74						
1048	ok	2.99						
1049	ok	3.37						
1050	ok	3.71						
1051	ok Av	6.99	0.02	0.32	0.6	8.3	18.5	239.6
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		7.22	0.20	0.32	5.18	8.32	150.02	240.92

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
1	40.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.15	0.5	0.1	13.4	13.4	13.4	13.4	42.1	350.8	148.6	-472.3	150.3	2259.9
2	ok	0.15	0.4	8.50e-02	13.4	13.4	13.4	13.4	12.4	103.3	43.5	-595.3	-88.0	-2189.2
3	ok	0.15	0.4	8.56e-02	13.4	13.4	13.4	13.4	-19.3	177.8	135.2	-1813.9	-525.5	2079.8
4	ok	0.15	0.5	0.1	13.4	13.4	13.4	13.4	-11.8	240.2	135.2	-1774.2	-194.3	2829.6
5	ok	0.15	0.3	6.88e-02	13.4	13.4	13.4	13.4	4.0	33.4	39.5	-200.6	146.7	-2856.6
6	ok	0.15	0.3	6.86e-02	13.4	13.4	13.4	13.4	-23.8	35.5	37.8	-1157.7	326.7	-3159.8
7	ok	0.15	0.2	5.95e-02	13.4	13.4	13.4	13.4	-0.6	-5.0	39.5	-177.3	341.2	-2964.0
8	ok	0.15	0.3	6.00e-02	13.4	13.4	13.4	13.4	-19.5	0.3	39.1	-348.7	880.0	-3778.4
9	ok	0.15	0.2	5.27e-02	13.4	13.4	13.4	13.4	-3.4	-28.3	29.2	225.3	555.7	-2947.9
10	ok	0.15	0.3	5.34e-02	13.4	13.4	13.4	13.4	-17.7	-22.4	29.5	519.4	1398.2	-3799.0
11	ok	0.15	0.2	4.75e-02	13.4	13.4	13.4	13.4	-5.2	-43.5	29.2	241.9	694.8	-2860.1
12	ok	0.15	0.3	4.82e-02	13.4	13.4	13.4	13.4	-18.5	-37.7	23.9	780.9	1781.8	-3433.6
13	ok	0.15	0.2	4.34e-02	13.4	13.4	13.4	13.4	-6.5	-53.8	23.7	356.6	817.2	-2495.3
14	ok	0.15	0.3	4.41e-02	13.4	13.4	13.4	13.4	-19.7	-48.2	23.9	815.7	2071.7	-3174.1
15	ok	0.15	0.2	4.03e-02	13.4	13.4	13.4	13.4	-7.3	-60.8	18.2	433.7	908.6	-2011.7
16	ok	0.15	0.3	4.09e-02	13.4	13.4	13.4	13.4	-19.8	-55.4	18.3	987.2	2311.7	-2546.7
17	ok	0.15	0.1	3.81e-02	13.4	13.4	13.4	13.4	-7.8	-65.3	12.9	483.6	971.9	-1451.0
18	ok	0.15	0.2	3.87e-02	13.4	13.4	13.4	13.4	-19.8	-60.1	12.9	1098.9	2480.0	-1818.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
19	ok	0.15	0.1	3.68e-02	13.4	13.4	13.4	13.4	-8.1	-67.9	7.7	513.0	1009.3	-843.2
20	ok	0.15	0.2	3.73e-02	13.4	13.4	13.4	13.4	-19.8	-62.8	7.7	1164.9	2580.2	-1027.6
21	ok	0.15	7.11e-02	3.65e-02	13.4	13.4	13.4	13.4	-8.2	-68.7	2.6	526.1	1022.0	-210.8
22	ok	0.15	0.2	3.70e-02	13.4	13.4	13.4	13.4	-19.7	-63.6	2.6	1194.0	2614.2	-205.9
23	ok	0.15	0.1	3.71e-02	13.4	13.4	13.4	13.4	-8.1	-67.9	-7.7	513.0	1009.3	843.2
24	ok	0.15	0.2	3.76e-02	13.4	13.4	13.4	13.4	-19.8	-62.8	-7.7	1164.9	2580.2	1027.6
25	ok	0.15	0.1	3.89e-02	13.4	13.4	13.4	13.4	-7.8	-65.3	-12.9	483.6	971.9	1451.0
26	ok	0.15	0.2	3.94e-02	13.4	13.4	13.4	13.4	-19.8	-60.1	-12.9	1098.9	2480.0	1818.0
27	ok	0.15	0.2	4.17e-02	13.4	13.4	13.4	13.4	-7.3	-60.8	-18.2	433.7	908.6	2011.7
28	ok	0.15	0.3	4.22e-02	13.4	13.4	13.4	13.4	-19.8	-55.4	-18.3	987.2	2311.7	2546.7
29	ok	0.15	0.2	4.56e-02	13.4	13.4	13.4	13.4	-6.5	-53.8	-23.7	356.6	817.2	2495.3
30	ok	0.15	0.3	4.61e-02	13.4	13.4	13.4	13.4	-19.7	-48.2	-23.9	815.7	2071.7	3174.1
31	ok	0.15	0.2	5.07e-02	13.4	13.4	13.4	13.4	-5.2	-43.5	-29.2	241.9	694.8	2860.1
32	ok	0.15	0.3	5.12e-02	13.4	13.4	13.4	13.4	-18.5	-37.7	-23.9	780.9	1781.8	3433.6
33	ok	0.15	0.2	5.71e-02	13.4	13.4	13.4	13.4	-3.4	-28.3	-29.2	225.3	555.7	2947.9
34	ok	0.15	0.3	5.76e-02	13.4	13.4	13.4	13.4	-17.7	-22.4	-29.5	519.4	1398.2	3799.0
35	ok	0.15	0.2	6.54e-02	13.4	13.4	13.4	13.4	-0.6	-5.0	-39.5	-177.3	341.2	2964.0
36	ok	0.15	0.3	6.58e-02	13.4	13.4	13.4	13.4	-19.5	0.3	-39.1	-348.7	880.0	3778.4
37	ok	0.15	0.3	7.73e-02	13.4	13.4	13.4	13.4	4.0	33.4	-39.5	-200.6	146.7	2856.6
38	ok	0.15	0.3	7.71e-02	13.4	13.4	13.4	13.4	-23.8	35.5	-37.8	-1157.7	326.7	3159.8
39	ok	0.15	0.3	9.69e-02	13.4	13.4	13.4	13.4	12.4	103.3	-43.5	-595.3	-88.0	2189.2
40	ok	0.15	0.3	9.67e-02	13.4	13.4	13.4	13.4	-56.3	97.0	0.8	-2434.8	-251.1	1763.6
41	ok	0.15	0.5	0.1	13.4	13.4	13.4	13.4	35.1	292.6	-140.3	-444.7	149.1	-2131.1
42	ok	0.15	0.4	0.1	13.4	13.4	13.4	13.4	-12.9	195.7	-129.3	-1672.7	-167.0	-2664.5
43	ok	0.15	0.3	8.64e-02	13.4	13.4	13.4	13.4	-91.6	92.8	-0.8	-4788.2	-533.5	-1663.4
44	ok	0.15	0.4	9.81e-02	13.4	13.4	13.4	13.4	-68.4	178.5	117.0	-3482.2	-677.7	2446.8
45	ok	0.15	0.3	6.70e-02	13.4	13.4	13.4	13.4	-73.4	29.5	37.8	-2426.3	174.5	-2973.6
46	ok	0.15	0.3	5.81e-02	13.4	13.4	13.4	13.4	-54.1	-3.9	39.1	-865.2	818.0	-3578.4
47	ok	0.15	0.3	5.16e-02	13.4	13.4	13.4	13.4	-37.9	-17.5	26.5	910.5	1846.1	-3360.9
48	ok	0.15	0.3	4.64e-02	13.4	13.4	13.4	13.4	-35.7	-32.3	21.9	1422.9	2372.9	-3061.2
49	ok	0.15	0.3	4.24e-02	13.4	13.4	13.4	13.4	-34.3	-42.8	17.0	1773.8	2806.4	-2578.1
50	ok	0.15	0.3	3.92e-02	13.4	13.4	13.4	13.4	-35.2	-50.3	17.0	1811.4	3119.3	-2296.1
51	ok	0.15	0.3	3.70e-02	13.4	13.4	13.4	13.4	-34.0	-55.1	12.1	2033.3	3367.5	-1646.3
52	ok	0.15	0.2	3.56e-02	13.4	13.4	13.4	13.4	-33.2	-57.9	7.2	2164.9	3516.6	-935.1
53	ok	0.15	0.2	3.52e-02	13.4	13.4	13.4	13.4	-32.7	-58.8	2.4	2223.8	3568.2	-192.4
54	ok	0.15	0.2	3.58e-02	13.4	13.4	13.4	13.4	-33.2	-57.9	-7.2	2164.9	3516.6	935.1
55	ok	0.15	0.3	3.75e-02	13.4	13.4	13.4	13.4	-34.0	-55.1	-12.1	2033.3	3367.5	1646.3
56	ok	0.15	0.3	4.04e-02	13.4	13.4	13.4	13.4	-35.2	-50.3	-17.0	1811.4	3119.3	2296.1
57	ok	0.15	0.3	4.42e-02	13.4	13.4	13.4	13.4	-34.3	-42.8	-17.0	1773.8	2806.4	2578.1
58	ok	0.15	0.3	4.92e-02	13.4	13.4	13.4	13.4	-35.7	-32.3	-21.9	1422.9	2372.9	3061.2
59	ok	0.15	0.3	5.56e-02	13.4	13.4	13.4	13.4	-37.9	-17.5	-26.5	910.5	1846.1	3360.9
60	ok	0.15	0.3	6.37e-02	13.4	13.4	13.4	13.4	-54.1	-3.9	-39.1	-865.2	818.0	3578.4
61	ok	0.15	0.3	7.50e-02	13.4	13.4	13.4	13.4	-73.4	29.5	-37.8	-2426.3	174.5	2973.6
62	ok	0.15	0.3	9.73e-02	13.4	13.4	13.4	13.4	-91.6	92.8	0.8	-4788.2	-533.5	1663.4
63	ok	0.15	0.3	0.1	13.4	13.4	13.4	13.4	-84.8	149.8	0.8	-4816.1	-765.4	609.3
64	ok	0.15	0.4	7.99e-02	13.4	13.4	13.4	13.4	-117.8	59.1	-22.0	-6617.2	-543.3	-1363.8
65	ok	0.15	0.4	8.62e-02	13.4	13.4	13.4	13.4	-96.6	139.8	104.7	-4919.7	-805.6	2203.7
66	ok	0.15	0.3	6.61e-02	13.4	13.4	13.4	13.4	-84.1	104.1	128.2	-3626.0	-1040.4	1597.4
67	ok	0.15	0.2	5.66e-02	13.4	13.4	13.4	13.4	-86.2	-1.9	29.1	-1323.0	1059.2	-3042.3
68	ok	0.15	0.3	5.00e-02	13.4	13.4	13.4	13.4	-61.3	-20.3	26.5	1171.3	1877.4	-3156.8
69	ok	0.15	0.3	4.48e-02	13.4	13.4	13.4	13.4	-55.1	-28.6	17.4	1935.0	2694.6	-2689.5
70	ok	0.15	0.3	4.08e-02	13.4	13.4	13.4	13.4	-51.3	-38.5	13.9	2444.8	3225.5	-2278.5
71	ok	0.15	0.3	3.77e-02	13.4	13.4	13.4	13.4	-48.9	-45.7	10.0	2782.9	3642.8	-1749.6
72	ok	0.15	0.3	3.54e-02	13.4	13.4	13.4	13.4	-49.5	-50.9	10.0	2816.2	3920.8	-1465.0
73	ok	0.15	0.3	3.40e-02	13.4	13.4	13.4	13.4	-47.8	-53.6	6.0	3010.0	4110.1	-834.4
74	ok	0.15	0.2	3.35e-02	13.4	13.4	13.4	13.4	-46.9	-54.5	2.0	3097.4	4176.2	-172.9
75	ok	0.15	0.3	3.40e-02	13.4	13.4	13.4	13.4	-47.8	-53.6	-6.0	3010.0	4110.1	834.4
76	ok	0.15	0.3	3.58e-02	13.4	13.4	13.4	13.4	-49.5	-50.9	-10.0	2816.2	3920.8	1465.0
77	ok	0.15	0.3	3.86e-02	13.4	13.4	13.4	13.4	-48.9	-45.7	-10.0	2782.9	3642.8	1749.6
78	ok	0.15	0.3	4.24e-02	13.4	13.4	13.4	13.4	-51.3	-38.5	-13.9	2444.8	3225.5	2278.5
79	ok	0.15	0.3	4.74e-02	13.4	13.4	13.4	13.4	-55.1	-28.6	-17.4	1935.0	2694.6	2689.5
80	ok	0.15	0.3	5.37e-02	13.4	13.4	13.4	13.4	-61.3	-20.3	-26.5	1171.3	1877.4	3156.8
81	ok	0.15	0.2	6.18e-02	13.4	13.4	13.4	13.4	-86.2	-1.9	-29.1	-1323.0	1059.2	3042.3
82	ok	0.15	0.3	7.34e-02	13.4	13.4	13.4	13.4	-103.8	26.7	-15.8	-3487.3	271.5	2486.6
83	ok	0.15	0.4	8.93e-02	13.4	13.4	13.4	13.4	-117.8	59.1	22.0	-6617.2	-543.3	1363.8
84	ok	0.15	0.4	9.74e-02	13.4	13.4	13.4	13.4	-116.9	66.4	22.0	-6641.1	-742.3	533.2
85	ok	0.15	0.5	7.38e-02	13.4	13.4	13.4	13.4	-133.6	25.6	-35.6	-8103.4	-683.1	-1112.5
86	ok	0.15	0.4	7.80e-02	13.4	13.4	13.4	13.4	-134.9	14.5	-35.6	-8128.4	-891.3	-444.7
87	ok	0.15	0.3	6.32e-02	13.4	13.4	13.4	13.4	-103.9	92.0	116.3	-4566.7	-1232.0	1436.5
88	ok	0.15	0.2	5.50e-02	13.4	13.4	13.4	13.4	-109.4	-3.9	13.5	-1771.6	1116.3	-2547.8
89	ok	0.15	0.3	4.84e-02	13.4	13.4	13.4	13.4	-82.7	-18.2	19.9	1390.9	2084.2	-2689.5
90	ok	0.15	0.3	4.33e-02	13.4	13.4	13.4	13.4	-74.8	-31.0	17.4	2336.0	2742.7	-2483.5
91	ok	0.15	0.3	3.93e-02	13.4	13.4	13.4	13.4	-69.2	-40.6	13.9	2986.9	3290.5	-2113.2
92	ok	0.15	0.3	3.62e-02	13.4	13.4	13.4	13.4	-64.7	-42.6	6.9	3440.9	3907.4	-1476.2

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
93	ok	0.15	0.3	3.39e-02	13.4	13.4	13.4	13.4	-65.3	-47.7	6.9	3478.7	4222.4	-1240.9
94	ok	0.15	0.3	3.25e-02	13.4	13.4	13.4	13.4	-62.6	-50.3	4.2	3731.6	4442.2	-709.1
95	ok	0.15	0.3	3.19e-02	13.4	13.4	13.4	13.4	-61.3	-51.2	1.4	3846.4	4519.6	-148.6
96	ok	0.15	0.3	3.24e-02	13.4	13.4	13.4	13.4	-62.6	-50.3	-4.2	3731.6	4442.2	709.1
97	ok	0.15	0.3	3.41e-02	13.4	13.4	13.4	13.4	-65.3	-47.7	-6.9	3478.7	4222.4	1240.9
98	ok	0.15	0.3	3.68e-02	13.4	13.4	13.4	13.4	-64.7	-42.6	-6.9	3440.9	3907.4	1476.2
99	ok	0.15	0.3	4.07e-02	13.4	13.4	13.4	13.4	-69.2	-40.6	-13.9	2986.9	3290.5	2113.2
100	ok	0.15	0.3	4.56e-02	13.4	13.4	13.4	13.4	-74.8	-31.0	-17.4	2336.0	2742.7	2483.5
101	ok	0.15	0.3	5.18e-02	13.4	13.4	13.4	13.4	-82.7	-18.2	-19.9	1390.9	2084.2	2689.5
102	ok	0.15	0.2	5.96e-02	13.4	13.4	13.4	13.4	-109.4	-3.9	-13.5	-1771.6	1116.3	2547.8
103	ok	0.15	0.3	6.96e-02	13.4	13.4	13.4	13.4	-100.1	68.7	-110.8	-4288.9	-1144.6	-1347.3
104	ok	0.15	0.5	8.20e-02	13.4	13.4	13.4	13.4	-133.6	25.6	35.6	-8103.4	-683.1	1112.5
105	ok	0.15	0.4	8.73e-02	13.4	13.4	13.4	13.4	-134.9	14.5	35.6	-8128.4	-891.3	444.7
106	ok	0.15	0.5	6.86e-02	13.4	13.4	13.4	13.4	-143.6	-2.6	-44.3	-9248.0	-818.0	-863.5
107	ok	0.15	0.5	7.19e-02	13.4	13.4	13.4	13.4	-145.8	-20.8	-44.3	-9271.5	-1014.0	-350.6
108	ok	0.15	0.3	6.02e-02	13.4	13.4	13.4	13.4	-115.5	90.6	116.3	-5337.1	-1324.4	1316.9
109	ok	0.15	0.2	5.29e-02	13.4	13.4	13.4	13.4	-107.1	64.1	119.8	-3851.9	-1325.1	702.6
110	ok	0.15	0.2	4.68e-02	13.4	13.4	13.4	13.4	-100.7	-19.3	10.8	1535.5	2146.9	-2167.9
111	ok	0.15	0.3	4.18e-02	13.4	13.4	13.4	13.4	-91.8	-29.4	10.9	2662.7	2872.4	-2019.3
112	ok	0.15	0.3	3.79e-02	13.4	13.4	13.4	13.4	-84.9	-37.9	9.3	3445.1	3485.3	-1729.6
113	ok	0.15	0.3	3.47e-02	13.4	13.4	13.4	13.4	-80.1	-44.4	6.9	3966.3	3970.4	-1340.0
114	ok	0.15	0.3	3.24e-02	13.4	13.4	13.4	13.4	-77.0	-49.1	4.2	4285.4	4319.2	-884.4
115	ok	0.15	0.3	3.09e-02	13.4	13.4	13.4	13.4	-76.9	-48.5	1.9	4318.4	4594.1	-568.0
116	ok	0.15	0.3	3.03e-02	13.4	13.4	13.4	13.4	-75.2	-49.2	0.7	4458.0	4679.6	-120.7
117	ok	0.15	0.3	3.14e-02	13.4	13.4	13.4	13.4	-76.9	-48.5	-1.9	4318.4	4594.1	568.0
118	ok	0.15	0.3	3.32e-02	13.4	13.4	13.4	13.4	-77.0	-49.1	-4.2	4285.4	4319.2	884.4
119	ok	0.15	0.3	3.55e-02	13.4	13.4	13.4	13.4	-80.1	-44.4	-6.9	3966.3	3970.4	1340.0
120	ok	0.15	0.3	3.89e-02	13.4	13.4	13.4	13.4	-84.9	-37.9	-9.3	3445.1	3485.3	1729.6
121	ok	0.15	0.3	4.37e-02	13.4	13.4	13.4	13.4	-91.8	-29.4	-10.9	2662.7	2872.4	2019.3
122	ok	0.15	0.2	4.97e-02	13.4	13.4	13.4	13.4	-100.7	-19.3	-10.8	1535.5	2146.9	2167.9
123	ok	0.15	0.2	5.70e-02	13.4	13.4	13.4	13.4	-103.5	45.7	-112.9	-3605.3	-1232.6	-659.3
124	ok	0.15	0.3	6.56e-02	13.4	13.4	13.4	13.4	-111.2	67.3	-110.8	-5009.9	-1231.1	-1234.0
125	ok	0.15	0.5	7.55e-02	13.4	13.4	13.4	13.4	-143.6	-2.6	44.3	-9248.0	-818.0	863.5
126	ok	0.15	0.5	7.96e-02	13.4	13.4	13.4	13.4	-145.8	-20.8	44.3	-9271.5	-1014.0	350.6
127	ok	0.15	0.5	6.44e-02	13.4	13.4	13.4	13.4	-149.8	-25.0	-49.9	-1.008e+04	-922.3	-627.3
128	ok	0.15	0.5	6.71e-02	13.4	13.4	13.4	13.4	-152.4	-46.4	-49.9	-1.010e+04	-1105.8	-254.7
129	ok	0.15	0.3	5.72e-02	13.4	13.4	13.4	13.4	-123.9	78.5	107.2	-5944.7	-1449.7	1107.5
130	ok	0.15	0.2	5.07e-02	13.4	13.4	13.4	13.4	-117.2	56.7	111.7	-4322.3	-1431.0	614.2
131	ok	0.15	0.2	4.50e-02	13.4	13.4	13.4	13.4	-115.0	-23.1	0.8	1621.8	2130.7	-1626.9
132	ok	0.15	0.3	4.03e-02	13.4	13.4	13.4	13.4	-105.9	-30.2	3.1	2894.3	2892.3	-1528.7
133	ok	0.15	0.3	3.64e-02	13.4	13.4	13.4	13.4	-98.6	-37.1	3.5	3783.5	3543.6	-1318.1
134	ok	0.15	0.3	3.33e-02	13.4	13.4	13.4	13.4	-93.2	-42.8	3.0	4378.7	4064.0	-1026.4
135	ok	0.15	0.3	3.09e-02	13.4	13.4	13.4	13.4	-89.6	-47.1	1.9	4744.2	4440.9	-680.2
136	ok	0.15	0.3	2.93e-02	13.4	13.4	13.4	13.4	-90.0	-50.1	1.9	4769.0	4648.1	-478.4
137	ok	0.15	0.3	2.97e-02	13.4	13.4	13.4	13.4	-88.0	-50.8	0.7	4929.4	4736.2	-90.5
138	ok	0.15	0.3	3.09e-02	13.4	13.4	13.4	13.4	-90.0	-50.1	-1.9	4769.0	4648.1	478.4
139	ok	0.15	0.3	3.25e-02	13.4	13.4	13.4	13.4	-89.6	-47.1	-1.9	4744.2	4440.9	680.2
140	ok	0.15	0.3	3.45e-02	13.4	13.4	13.4	13.4	-93.2	-42.8	-3.0	4378.7	4064.0	1026.4
141	ok	0.15	0.3	3.72e-02	13.4	13.4	13.4	13.4	-98.6	-37.1	-3.5	3783.5	3543.6	1318.1
142	ok	0.15	0.3	4.18e-02	13.4	13.4	13.4	13.4	-105.9	-30.2	-3.1	2894.3	2892.3	1528.7
143	ok	0.15	0.2	4.75e-02	13.4	13.4	13.4	13.4	-115.0	-23.1	-0.8	1621.8	2130.7	1626.9
144	ok	0.15	0.2	5.42e-02	13.4	13.4	13.4	13.4	-112.9	39.8	-105.6	-4044.1	-1332.0	-574.9
145	ok	0.15	0.3	6.18e-02	13.4	13.4	13.4	13.4	-119.0	57.4	-102.5	-5577.7	-1348.9	-1036.0
146	ok	0.15	0.5	7.02e-02	13.4	13.4	13.4	13.4	-149.8	-25.0	49.9	-1.008e+04	-922.3	627.3
147	ok	0.15	0.5	7.35e-02	13.4	13.4	13.4	13.4	-152.4	-46.4	49.9	-1.010e+04	-1105.8	254.7
148	ok	0.15	0.6	6.08e-02	13.4	13.4	13.4	13.4	-153.5	-42.5	-53.4	-1.063e+04	-992.8	-405.1
149	ok	0.15	0.6	6.27e-02	13.4	13.4	13.4	13.4	-156.2	-65.4	-53.4	-1.065e+04	-1164.7	-159.5
150	ok	0.15	0.3	5.43e-02	13.4	13.4	13.4	13.4	-129.1	67.0	100.0	-6381.6	-1534.3	878.9
151	ok	0.15	0.2	4.84e-02	13.4	13.4	13.4	13.4	-122.7	56.0	111.7	-4664.5	-1472.1	551.1
152	ok	0.15	0.2	4.31e-02	13.4	13.4	13.4	13.4	-115.9	38.1	112.1	-3317.4	-1382.3	330.1
153	ok	0.15	0.2	3.86e-02	13.4	13.4	13.4	13.4	-116.9	-33.0	-5.0	3041.1	2852.0	-1028.3
154	ok	0.15	0.3	3.48e-02	13.4	13.4	13.4	13.4	-109.6	-38.2	-2.8	4008.5	3520.4	-893.3
155	ok	0.15	0.3	3.17e-02	13.4	13.4	13.4	13.4	-104.0	-43.0	-1.5	4658.6	4058.5	-699.8
156	ok	0.15	0.3	2.96e-02	13.4	13.4	13.4	13.4	-100.3	-46.8	-0.7	5058.7	4450.4	-466.3
157	ok	0.15	0.3	2.85e-02	13.4	13.4	13.4	13.4	-98.5	-49.3	-0.2	5252.4	4685.6	-208.6
158	ok	0.15	0.3	2.92e-02	13.4	13.4	13.4	13.4	-98.6	-50.3	-0.2	5261.1	4758.2	-59.1
159	ok	0.15	0.3	3.02e-02	13.4	13.4	13.4	13.4	-98.5	-49.3	0.2	5252.4	4685.6	208.6
160	ok	0.15	0.3	3.16e-02	13.4	13.4	13.4	13.4	-100.3	-46.8	0.7	5058.7	4450.4	466.3
161	ok	0.15	0.3	3.33e-02	13.4	13.4	13.4	13.4	-104.0	-43.0	1.5	4658.6	4058.5	699.8
162	ok	0.15	0.3	3.55e-02	13.4	13.4	13.4	13.4	-109.6	-38.2	2.8	4008.5	3520.4	893.3
163	ok	0.15	0.2	3.97e-02	13.4	13.4	13.4	13.4	-116.9	-33.0	5.0	3041.1	2852.0	1028.3
164	ok	0.15	0.2	4.51e-02	13.4	13.4	13.4	13.4	-125.5	-28.6	9.0	1664.5	2077.8	1083.8
165	ok	0.15	0.2	5.13e-02	13.4	13.4	13.4	13.4	-118.1	39.2	-105.6	-4362.7	-1370.3	-515.1
166	ok	0.15	0.3	5.82e-02	13.4	13.4	13.4	13.4	-123.8	47.9	-96.0	-5985.4	-1428.6	-820.3

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
167	ok	0.15	0.6	6.57e-02	13.4	13.4	13.4	13.4	-153.5	-42.5	53.4	-1.063e+04	-992.8	405.1
168	ok	0.15	0.6	6.81e-02	13.4	13.4	13.4	13.4	-156.2	-65.4	53.4	-1.065e+04	-1164.7	159.5
169	ok	0.15	0.6	5.73e-02	13.4	13.4	13.4	13.4	-155.2	-55.9	-55.3	-1.092e+04	-1030.8	-195.6
170	ok	0.15	0.6	5.87e-02	13.4	13.4	13.4	13.4	-158.0	-79.4	-55.3	-1.094e+04	-1192.8	-66.4
171	ok	0.15	0.4	5.14e-02	13.4	13.4	13.4	13.4	-131.7	56.3	94.1	-6650.2	-1580.8	639.1
172	ok	0.15	0.2	4.60e-02	13.4	13.4	13.4	13.4	-125.9	49.0	104.7	-4884.8	-1523.6	444.7
173	ok	0.15	0.2	4.11e-02	13.4	13.4	13.4	13.4	-119.7	33.7	105.3	-3486.0	-1409.9	308.6
174	ok	0.15	0.2	3.67e-02	13.4	13.4	13.4	13.4	-124.7	-37.1	-13.0	3112.3	2782.9	-530.6
175	ok	0.15	0.3	3.31e-02	13.4	13.4	13.4	13.4	-117.8	-40.9	-9.2	4126.7	3452.2	-466.9
176	ok	0.15	0.3	3.00e-02	13.4	13.4	13.4	13.4	-112.4	-45.0	-6.1	4810.3	3994.2	-369.5
177	ok	0.15	0.3	2.85e-02	13.4	13.4	13.4	13.4	-108.7	-48.4	-3.5	5231.7	4390.4	-248.8
178	ok	0.15	0.3	2.78e-02	13.4	13.4	13.4	13.4	-106.8	-50.6	-1.2	5435.8	4628.7	-113.8
179	ok	0.15	0.3	2.83e-02	13.4	13.4	13.4	13.4	-106.9	-51.5	-1.2	5444.6	4702.1	-27.3
180	ok	0.15	0.3	2.92e-02	13.4	13.4	13.4	13.4	-106.8	-50.6	1.2	5435.8	4628.7	113.8
181	ok	0.15	0.3	3.04e-02	13.4	13.4	13.4	13.4	-108.7	-48.4	3.5	5231.7	4390.4	248.8
182	ok	0.15	0.3	3.18e-02	13.4	13.4	13.4	13.4	-112.4	-45.0	6.1	4810.3	3994.2	369.5
183	ok	0.15	0.3	3.37e-02	13.4	13.4	13.4	13.4	-117.8	-40.9	9.2	4126.7	3452.2	466.9
184	ok	0.15	0.2	3.75e-02	13.4	13.4	13.4	13.4	-124.7	-37.1	13.0	3112.3	2782.9	530.6
185	ok	0.15	0.2	4.26e-02	13.4	13.4	13.4	13.4	-115.3	21.6	-99.0	-3246.4	-1312.4	-287.3
186	ok	0.15	0.2	4.83e-02	13.4	13.4	13.4	13.4	-121.0	33.6	-99.3	-4567.3	-1418.5	-414.1
187	ok	0.15	0.4	5.47e-02	13.4	13.4	13.4	13.4	-126.2	39.2	-90.7	-6235.1	-1472.5	-594.3
188	ok	0.15	0.6	6.14e-02	13.4	13.4	13.4	13.4	-155.2	-55.9	55.3	-1.092e+04	-1030.8	195.6
189	ok	0.15	0.6	6.32e-02	13.4	13.4	13.4	13.4	-158.0	-79.4	55.3	-1.094e+04	-1192.8	66.4
190	ok	0.15	0.6	5.40e-02	13.4	13.4	13.4	13.4	-156.1	-72.2	-55.9	-1.096e+04	-1040.1	129.8
191	ok	0.15	0.6	5.50e-02	13.4	13.4	13.4	13.4	-158.9	-95.0	-55.9	-1.098e+04	-1188.1	46.1
192	ok	0.15	0.4	4.86e-02	13.4	13.4	13.4	13.4	-132.0	46.7	89.0	-6753.8	-1591.8	394.9
193	ok	0.15	0.2	4.35e-02	13.4	13.4	13.4	13.4	-126.5	42.2	98.4	-4977.3	-1537.7	333.1
194	ok	0.15	0.2	3.89e-02	13.4	13.4	13.4	13.4	-120.1	33.7	105.3	-3562.5	-1419.1	286.2
195	ok	0.15	0.2	3.47e-02	13.4	13.4	13.4	13.4	-130.4	-47.7	-27.1	3104.9	2618.0	201.3
196	ok	0.15	0.2	3.12e-02	13.4	13.4	13.4	13.4	-123.9	-50.2	-21.0	4131.6	3256.9	169.1
197	ok	0.15	0.3	2.83e-02	13.4	13.4	13.4	13.4	-118.2	-48.6	-10.7	4838.5	3894.3	-42.7
198	ok	0.15	0.3	2.72e-02	13.4	13.4	13.4	13.4	-114.6	-51.6	-6.3	5266.9	4286.1	-32.9
199	ok	0.15	0.3	2.68e-02	13.4	13.4	13.4	13.4	-112.9	-53.8	-2.1	5474.3	4522.2	-19.3
200	ok	0.15	0.3	2.73e-02	13.4	13.4	13.4	13.4	-113.0	-54.6	-2.1	5483.1	4594.8	4.0
201	ok	0.15	0.3	2.81e-02	13.4	13.4	13.4	13.4	-112.9	-53.8	2.1	5474.3	4522.2	19.3
202	ok	0.15	0.3	2.90e-02	13.4	13.4	13.4	13.4	-114.6	-51.6	6.3	5266.9	4286.1	32.9
203	ok	0.15	0.3	3.02e-02	13.4	13.4	13.4	13.4	-118.2	-48.6	10.7	4838.5	3894.3	42.7
204	ok	0.15	0.2	3.17e-02	13.4	13.4	13.4	13.4	-123.9	-50.2	21.0	4131.6	3256.9	-169.1
205	ok	0.15	0.2	3.53e-02	13.4	13.4	13.4	13.4	-130.4	-47.7	27.1	3104.9	2618.0	-201.3
206	ok	0.15	0.2	4.00e-02	13.4	13.4	13.4	13.4	-115.6	21.5	-99.0	-3316.9	-1320.8	-265.7
207	ok	0.15	0.2	4.54e-02	13.4	13.4	13.4	13.4	-121.5	28.3	-93.6	-4652.2	-1431.7	-308.6
208	ok	0.15	0.4	5.12e-02	13.4	13.4	13.4	13.4	-126.4	31.4	-86.0	-6330.2	-1483.0	-364.7
209	ok	0.15	0.6	5.74e-02	13.4	13.4	13.4	13.4	-156.1	-72.2	55.9	-1.096e+04	-1040.1	-129.8
210	ok	0.15	0.6	5.87e-02	13.4	13.4	13.4	13.4	-158.9	-95.0	55.9	-1.098e+04	-1188.1	-46.1
211	ok	0.15	0.6	5.07e-02	13.4	13.4	13.4	13.4	-154.4	-75.6	-55.2	-1.078e+04	-1020.5	315.3
212	ok	0.15	0.6	5.16e-02	13.4	13.4	13.4	13.4	-157.0	-97.2	-55.2	-1.079e+04	-1163.3	130.6
213	ok	0.15	0.4	4.57e-02	13.4	13.4	13.4	13.4	-130.2	38.3	84.2	-6696.1	-1569.6	152.7
214	ok	0.15	0.2	4.09e-02	13.4	13.4	13.4	13.4	-124.8	36.0	92.6	-4943.8	-1517.0	221.1
215	ok	0.15	0.2	3.65e-02	13.4	13.4	13.4	13.4	-118.3	29.7	98.8	-3545.8	-1400.8	261.6
216	ok	0.15	0.2	3.25e-02	13.4	13.4	13.4	13.4	-132.8	-54.2	-33.2	3042.3	2521.2	661.7
217	ok	0.15	0.2	2.91e-02	13.4	13.4	13.4	13.4	-127.0	-56.9	-26.2	4050.8	3132.2	567.1
218	ok	0.15	0.3	2.68e-02	13.4	13.4	13.4	13.4	-122.3	-60.2	-19.0	4730.8	3627.5	440.7
219	ok	0.15	0.3	2.59e-02	13.4	13.4	13.4	13.4	-118.3	-56.7	-9.0	5168.5	4146.6	177.4
220	ok	0.15	0.3	2.55e-02	13.4	13.4	13.4	13.4	-116.7	-58.7	-3.0	5372.2	4375.6	72.8
221	ok	0.15	0.3	2.59e-02	13.4	13.4	13.4	13.4	-116.8	-59.5	-3.0	5380.6	4445.9	34.4
222	ok	0.15	0.3	2.67e-02	13.4	13.4	13.4	13.4	-116.7	-58.7	3.0	5372.2	4375.6	-72.8
223	ok	0.15	0.3	2.76e-02	13.4	13.4	13.4	13.4	-118.3	-56.7	9.0	5168.5	4146.6	-177.4
224	ok	0.15	0.3	2.86e-02	13.4	13.4	13.4	13.4	-122.3	-60.2	19.0	4730.8	3627.5	-440.7
225	ok	0.15	0.2	2.97e-02	13.4	13.4	13.4	13.4	-127.0	-56.9	26.2	4050.8	3132.2	-567.1
226	ok	0.15	0.2	3.28e-02	13.4	13.4	13.4	13.4	-132.8	-54.2	33.2	3042.3	2521.2	-661.7
227	ok	0.15	0.2	3.73e-02	13.4	13.4	13.4	13.4	-113.8	18.7	-93.1	-3300.7	-1303.2	-241.4
228	ok	0.15	0.2	4.24e-02	13.4	13.4	13.4	13.4	-119.7	23.6	-88.3	-4619.5	-1412.1	-203.0
229	ok	0.15	0.4	4.78e-02	13.4	13.4	13.4	13.4	-124.7	24.6	-81.7	-6274.2	-1462.3	-137.4
230	ok	0.15	0.6	5.35e-02	13.4	13.4	13.4	13.4	-154.4	-75.6	55.2	-1.078e+04	-1020.5	-315.3
231	ok	0.15	0.6	5.46e-02	13.4	13.4	13.4	13.4	-157.0	-97.2	55.2	-1.079e+04	-1163.3	-130.6
232	ok	0.15	0.6	4.74e-02	13.4	13.4	13.4	13.4	-151.2	-76.0	-54.1	-1.037e+04	-977.5	493.6
233	ok	0.15	0.6	4.83e-02	13.4	13.4	13.4	13.4	-153.5	-95.7	-54.1	-1.038e+04	-1114.6	209.6
234	ok	0.15	0.3	4.27e-02	13.4	13.4	13.4	13.4	-127.2	23.9	74.9	-6476.5	-1473.2	-172.3
235	ok	0.15	0.2	3.81e-02	13.4	13.4	13.4	13.4	-120.7	30.6	86.8	-4787.7	-1463.3	113.1
236	ok	0.15	0.2	3.39e-02	13.4	13.4	13.4	13.4	-113.9	26.0	92.2	-3437.4	-1349.8	238.4
237	ok	0.15	0.2	3.05e-02	13.4	13.4	13.4	13.4	-133.0	-60.8	-38.5	2915.4	2392.8	1097.1
238	ok	0.15	0.3	2.88e-02	13.4	13.4	13.4	13.4	-127.9	-64.3	-30.8	3874.7	2962.9	942.4
239	ok	0.15	0.3	2.70e-02	13.4	13.4	13.4	13.4	-122.9	-60.2	-19.0	4541.7	3604.8	577.7
240	ok	0.15	0.3	2.53e-02	13.4	13.4	13.4	13.4	-120.0	-63.2	-11.5	4941.1	3965.0	377.9

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
241	ok	0.15	0.3	2.39e-02	13.4	13.4	13.4	13.4	-118.6	-65.3	-3.8	5134.2	4182.0	160.8
242	ok	0.15	0.3	2.45e-02	13.4	13.4	13.4	13.4	-118.7	-66.1	-3.8	5142.2	4248.7	63.2
243	ok	0.15	0.3	2.52e-02	13.4	13.4	13.4	13.4	-118.6	-65.3	3.8	5134.2	4182.0	-160.8
244	ok	0.15	0.3	2.60e-02	13.4	13.4	13.4	13.4	-120.0	-63.2	11.5	4941.1	3965.0	-377.9
245	ok	0.15	0.3	2.70e-02	13.4	13.4	13.4	13.4	-122.9	-60.2	19.0	4541.7	3604.8	-577.7
246	ok	0.15	0.3	2.88e-02	13.4	13.4	13.4	13.4	-127.9	-64.3	30.8	3874.7	2962.9	-942.4
247	ok	0.15	0.2	3.05e-02	13.4	13.4	13.4	13.4	-133.0	-60.8	38.5	2915.4	2392.8	-1097.1
248	ok	0.15	0.2	3.45e-02	13.4	13.4	13.4	13.4	-109.5	16.1	-87.1	-3199.3	-1254.9	-218.8
249	ok	0.15	0.2	3.93e-02	13.4	13.4	13.4	13.4	-115.7	19.5	-83.0	-4472.4	-1361.4	-101.5
250	ok	0.15	0.3	4.44e-02	13.4	13.4	13.4	13.4	-121.7	13.4	-73.0	-6066.4	-1372.4	167.0
251	ok	0.15	0.6	4.97e-02	13.4	13.4	13.4	13.4	-151.2	-76.0	54.1	-1.037e+04	-977.5	-493.6
252	ok	0.15	0.6	5.07e-02	13.4	13.4	13.4	13.4	-153.5	-95.7	54.1	-1.038e+04	-1114.6	-209.6
253	ok	0.15	0.5	4.41e-02	13.4	13.4	13.4	13.4	-146.2	-73.5	-52.7	-9733.3	-915.2	663.4
254	ok	0.15	0.5	4.50e-02	13.4	13.4	13.4	13.4	-148.2	-90.4	-52.7	-9748.8	-1044.4	281.6
255	ok	0.15	0.3	3.96e-02	13.4	13.4	13.4	13.4	-121.0	18.7	69.9	-6108.6	-1373.1	-386.0
256	ok	0.15	0.2	3.51e-02	13.4	13.4	13.4	13.4	-114.2	26.0	80.9	-4514.5	-1377.7	12.6
257	ok	0.15	0.2	3.24e-02	13.4	13.4	13.4	13.4	-100.8	16.6	76.8	-3148.3	-1269.8	326.3
258	ok	0.15	0.2	3.11e-02	13.4	13.4	13.4	13.4	-131.1	-67.8	-42.9	2723.1	2205.1	1498.0
259	ok	0.15	0.3	2.95e-02	13.4	13.4	13.4	13.4	-125.9	-64.1	-30.8	3630.2	2933.5	1110.2
260	ok	0.15	0.3	2.77e-02	13.4	13.4	13.4	13.4	-122.5	-67.9	-22.4	4225.1	3387.4	859.1
261	ok	0.15	0.3	2.59e-02	13.4	13.4	13.4	13.4	-120.2	-71.3	-13.6	4590.1	3719.0	564.1
262	ok	0.15	0.3	2.43e-02	13.4	13.4	13.4	13.4	-120.5	-73.7	-13.6	4611.8	3900.0	418.0
263	ok	0.15	0.3	2.31e-02	13.4	13.4	13.4	13.4	-119.1	-74.4	-4.6	4773.4	3979.7	89.7
264	ok	0.15	0.3	2.43e-02	13.4	13.4	13.4	13.4	-120.5	-73.7	13.6	4611.8	3900.0	-418.0
265	ok	0.15	0.3	2.59e-02	13.4	13.4	13.4	13.4	-120.2	-71.3	13.6	4590.1	3719.0	-564.1
266	ok	0.15	0.3	2.77e-02	13.4	13.4	13.4	13.4	-122.5	-67.9	22.4	4225.1	3387.4	-859.1
267	ok	0.15	0.3	2.95e-02	13.4	13.4	13.4	13.4	-125.9	-64.1	30.8	3630.2	2933.5	-1110.2
268	ok	0.15	0.2	3.11e-02	13.4	13.4	13.4	13.4	-131.1	-67.8	42.9	2723.1	2205.1	-1498.0
269	ok	0.15	0.2	3.24e-02	13.4	13.4	13.4	13.4	-135.9	-64.1	49.9	1466.5	1607.2	-1606.3
270	ok	0.15	0.2	3.60e-02	13.4	13.4	13.4	13.4	-109.4	16.1	-77.5	-4216.0	-1281.1	-7.5
271	ok	0.15	0.3	4.09e-02	13.4	13.4	13.4	13.4	-115.7	9.6	-68.3	-5719.7	-1279.0	366.6
272	ok	0.15	0.5	4.60e-02	13.4	13.4	13.4	13.4	-146.2	-73.5	52.7	-9733.3	-915.2	-663.4
273	ok	0.15	0.5	4.69e-02	13.4	13.4	13.4	13.4	-148.2	-90.4	52.7	-9748.8	-1044.4	-281.6
274	ok	0.15	0.5	4.07e-02	13.4	13.4	13.4	13.4	-139.2	-68.4	-51.2	-8884.0	-839.9	820.2
275	ok	0.15	0.5	4.17e-02	13.4	13.4	13.4	13.4	-140.8	-81.4	-51.2	-8897.9	-955.7	343.6
276	ok	0.15	0.3	3.62e-02	13.4	13.4	13.4	13.4	-111.6	19.8	69.9	-5605.0	-1312.7	-505.3
277	ok	0.15	0.2	3.29e-02	13.4	13.4	13.4	13.4	-105.0	22.3	74.6	-4131.6	-1260.7	-77.0
278	ok	0.15	0.2	3.24e-02	13.4	13.4	13.4	13.4	-130.6	-63.5	-49.9	1368.0	1595.4	1802.4
279	ok	0.15	0.2	3.14e-02	13.4	13.4	13.4	13.4	-126.8	-67.3	-42.9	2494.2	2177.6	1675.9
280	ok	0.15	0.3	3.00e-02	13.4	13.4	13.4	13.4	-123.6	-72.0	-34.6	3279.6	2677.5	1434.7
281	ok	0.15	0.3	2.83e-02	13.4	13.4	13.4	13.4	-121.1	-76.7	-25.3	3802.9	3078.9	1110.5
282	ok	0.15	0.3	2.65e-02	13.4	13.4	13.4	13.4	-119.4	-80.5	-15.4	4122.2	3370.6	729.8
283	ok	0.15	0.3	2.46e-02	13.4	13.4	13.4	13.4	-119.8	-83.2	-15.4	4141.2	3529.3	536.2
284	ok	0.15	0.2	2.32e-02	13.4	13.4	13.4	13.4	-118.8	-84.0	-5.2	4282.1	3599.0	112.9
285	ok	0.15	0.3	2.46e-02	13.4	13.4	13.4	13.4	-119.8	-83.2	15.4	4141.2	3529.3	-536.2
286	ok	0.15	0.3	2.65e-02	13.4	13.4	13.4	13.4	-119.4	-80.5	15.4	4122.2	3370.6	-729.8
287	ok	0.15	0.3	2.83e-02	13.4	13.4	13.4	13.4	-121.1	-76.7	25.3	3802.9	3078.9	-1110.5
288	ok	0.15	0.3	3.00e-02	13.4	13.4	13.4	13.4	-123.6	-72.0	34.6	3279.6	2677.5	-1434.7
289	ok	0.15	0.2	3.14e-02	13.4	13.4	13.4	13.4	-126.8	-67.3	42.9	2494.2	2177.6	-1675.9
290	ok	0.15	0.2	3.24e-02	13.4	13.4	13.4	13.4	-130.6	-63.5	49.9	1368.0	1595.4	-1802.4
291	ok	0.15	0.2	3.29e-02	13.4	13.4	13.4	13.4	-100.6	13.5	-71.6	-3857.3	-1171.9	76.2
292	ok	0.15	0.3	3.73e-02	13.4	13.4	13.4	13.4	-106.9	10.6	-68.3	-5245.7	-1222.1	478.0
293	ok	0.15	0.5	4.22e-02	13.4	13.4	13.4	13.4	-139.2	-68.4	51.2	-8884.0	-839.9	-820.2
294	ok	0.15	0.5	4.32e-02	13.4	13.4	13.4	13.4	-140.8	-81.4	51.2	-8897.9	-955.7	-343.6
295	ok	0.15	0.4	3.70e-02	13.4	13.4	13.4	13.4	-129.7	-60.8	-49.3	-7825.8	-761.1	955.0
296	ok	0.15	0.4	3.82e-02	13.4	13.4	13.4	13.4	-130.6	-68.3	-49.3	-7836.9	-853.8	390.8
297	ok	0.15	0.3	3.24e-02	13.4	13.4	13.4	13.4	-100.0	16.3	64.5	-4961.0	-1162.9	-682.8
298	ok	0.15	0.2	3.21e-02	13.4	13.4	13.4	13.4	-92.9	19.5	67.8	-3649.6	-1112.0	-153.6
299	ok	0.15	0.2	3.20e-02	13.4	13.4	13.4	13.4	-124.7	-68.5	-53.4	1220.3	1393.9	2153.1
300	ok	0.15	0.2	3.14e-02	13.4	13.4	13.4	13.4	-122.5	-74.4	-46.2	2181.6	1884.2	1997.1
301	ok	0.15	0.2	3.02e-02	13.4	13.4	13.4	13.4	-120.7	-80.7	-37.3	2844.7	2299.0	1706.6
302	ok	0.15	0.2	2.88e-02	13.4	13.4	13.4	13.4	-119.5	-86.3	-27.3	3282.2	2628.0	1319.4
303	ok	0.15	0.2	2.70e-02	13.4	13.4	13.4	13.4	-118.7	-90.8	-16.6	3546.8	2864.8	867.0
304	ok	0.15	0.2	2.51e-02	13.4	13.4	13.4	13.4	-119.1	-93.7	-16.6	3562.2	2992.4	633.1
305	ok	0.15	0.2	2.33e-02	13.4	13.4	13.4	13.4	-118.5	-94.6	-5.6	3678.4	3048.7	131.4
306	ok	0.15	0.2	2.51e-02	13.4	13.4	13.4	13.4	-119.1	-93.7	16.6	3562.2	2992.4	-633.1
307	ok	0.15	0.2	2.70e-02	13.4	13.4	13.4	13.4	-118.7	-90.8	16.6	3546.8	2864.8	-867.0
308	ok	0.15	0.2	2.88e-02	13.4	13.4	13.4	13.4	-119.5	-86.3	27.3	3282.2	2628.0	-1319.4
309	ok	0.15	0.2	3.02e-02	13.4	13.4	13.4	13.4	-120.7	-80.7	37.3	2844.7	2299.0	-1706.6
310	ok	0.15	0.2	3.14e-02	13.4	13.4	13.4	13.4	-122.5	-74.4	46.2	2181.6	1884.2	-1997.1
311	ok	0.15	0.2	3.20e-02	13.4	13.4	13.4	13.4	-124.7	-68.5	53.4	1220.3	1393.9	-2153.1
312	ok	0.15	0.2	3.21e-02	13.4	13.4	13.4	13.4	-88.9	11.8	-65.2	-3406.7	-1033.8	147.6
313	ok	0.15	0.3	3.33e-02	13.4	13.4	13.4	13.4	-131.0	-61.9	58.5	-4480.5	-146.5	-1757.3
314	ok	0.15	0.4	3.83e-02	13.4	13.4	13.4	13.4	-129.7	-60.8	49.3	-7825.8	-761.1	-955.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
315	ok	0.15	0.4	3.94e-02	13.4	13.4	13.4	13.4	-130.6	-68.3	49.3	-7836.9	-853.8	-390.8
316	ok	0.15	0.4	3.29e-02	13.4	13.4	13.4	13.4	-117.1	-51.3	-47.0	-6576.2	-693.9	1052.9
317	ok	0.15	0.4	3.43e-02	13.4	13.4	13.4	13.4	-93.5	-19.8	51.8	-5485.8	-786.3	-1571.2
318	ok	0.15	0.3	3.02e-02	13.4	13.4	13.4	13.4	-85.0	14.3	58.7	-4199.6	-978.0	-828.4
319	ok	0.15	0.2	3.08e-02	13.4	13.4	13.4	13.4	-77.2	17.6	60.4	-3083.6	-929.1	-215.5
320	ok	0.15	0.2	3.12e-02	13.4	13.4	13.4	13.4	-117.9	-73.5	-55.5	1031.5	1075.7	2418.8
321	ok	0.15	0.2	3.10e-02	13.4	13.4	13.4	13.4	-118.0	-81.9	-47.9	1805.9	1438.2	2235.3
322	ok	0.15	0.2	3.03e-02	13.4	13.4	13.4	13.4	-118.2	-89.9	-38.7	2331.7	1736.2	1904.5
323	ok	0.15	0.2	2.91e-02	13.4	13.4	13.4	13.4	-118.6	-96.6	-28.3	2673.5	1966.5	1469.3
324	ok	0.15	0.2	2.77e-02	13.4	13.4	13.4	13.4	-119.3	-101.8	-28.3	2690.3	2106.4	1228.7
325	ok	0.15	0.2	2.59e-02	13.4	13.4	13.4	13.4	-119.4	-104.9	-17.2	2887.8	2213.5	700.5
326	ok	0.15	0.2	2.39e-02	13.4	13.4	13.4	13.4	-119.5	-106.0	-5.8	2977.5	2252.2	143.7
327	ok	0.15	0.2	2.59e-02	13.4	13.4	13.4	13.4	-119.4	-104.9	17.2	2887.8	2213.5	-700.5
328	ok	0.15	0.2	2.77e-02	13.4	13.4	13.4	13.4	-119.3	-101.8	28.3	2690.3	2106.4	-1228.7
329	ok	0.15	0.2	2.91e-02	13.4	13.4	13.4	13.4	-118.6	-96.6	28.3	2673.5	1966.5	-1469.3
330	ok	0.15	0.2	3.03e-02	13.4	13.4	13.4	13.4	-118.2	-89.9	38.7	2331.7	1736.2	-1904.5
331	ok	0.15	0.2	3.10e-02	13.4	13.4	13.4	13.4	-118.0	-81.9	47.9	1805.9	1438.2	-2235.3
332	ok	0.15	0.2	3.12e-02	13.4	13.4	13.4	13.4	-117.9	-73.5	55.5	1031.5	1075.7	-2418.8
333	ok	0.15	0.2	3.08e-02	13.4	13.4	13.4	13.4	-119.8	-68.8	61.7	-1623.0	155.7	-2390.1
334	ok	0.15	0.3	3.02e-02	13.4	13.4	13.4	13.4	-119.2	-58.7	57.9	-3727.3	-238.9	-1938.3
335	ok	0.15	0.4	3.39e-02	13.4	13.4	13.4	13.4	-117.1	-51.3	47.0	-6576.2	-693.9	-1052.9
336	ok	0.15	0.4	3.52e-02	13.4	13.4	13.4	13.4	-117.1	-51.1	47.0	-6582.6	-747.3	-416.4
337	ok	0.15	0.3	2.83e-02	13.4	13.4	13.4	13.4	-100.6	-41.1	-43.6	-5171.8	-661.5	1089.8
338	ok	0.15	0.3	2.97e-02	13.4	13.4	13.4	13.4	-74.6	-20.6	47.3	-4378.4	-616.5	-1695.7
339	ok	0.15	0.2	2.82e-02	13.4	13.4	13.4	13.4	-104.2	-55.4	-55.0	-2920.9	-434.3	2008.8
340	ok	0.15	0.2	2.90e-02	13.4	13.4	13.4	13.4	-107.3	-70.4	-58.6	-1279.7	-293.9	2469.0
341	ok	0.15	0.2	2.99e-02	13.4	13.4	13.4	13.4	61.2	-31.1	59.8	-1410.9	-1039.4	-1512.1
342	ok	0.15	0.2	3.02e-02	13.4	13.4	13.4	13.4	-114.4	-89.7	-47.6	1371.1	770.3	2356.0
343	ok	0.15	0.2	3.00e-02	13.4	13.4	13.4	13.4	-117.4	-99.4	-38.2	1751.5	909.8	1999.4
344	ok	0.15	0.2	2.93e-02	13.4	13.4	13.4	13.4	-119.9	-107.2	-27.8	1993.0	1007.6	1537.9
345	ok	0.15	0.2	2.83e-02	13.4	13.4	13.4	13.4	-120.6	-112.8	-27.8	1998.6	1054.1	1280.9
346	ok	0.15	0.1	2.68e-02	13.4	13.4	13.4	13.4	-4.13e-02	-115.9	18.3	-1170.7	-2727.0	238.1
347	ok	0.15	0.1	2.51e-02	13.4	13.4	13.4	13.4	1.2	-119.6	21.7	-1171.8	-2771.4	251.7
348	ok	0.15	0.1	2.68e-02	13.4	13.4	13.4	13.4	2.6	-121.1	24.5	-1148.8	-2731.1	258.3
349	ok	0.15	0.2	2.83e-02	13.4	13.4	13.4	13.4	-120.6	-112.8	27.8	1998.6	1054.1	-1280.9
350	ok	0.15	0.2	2.93e-02	13.4	13.4	13.4	13.4	-119.9	-107.2	27.8	1993.0	1007.6	-1537.9
351	ok	0.15	0.2	3.00e-02	13.4	13.4	13.4	13.4	-117.4	-99.4	38.2	1751.5	909.8	-1999.4
352	ok	0.15	0.2	3.02e-02	13.4	13.4	13.4	13.4	-114.4	-89.7	47.6	1371.1	770.3	-2356.0
353	ok	0.15	0.2	2.99e-02	13.4	13.4	13.4	13.4	-111.3	-78.8	55.3	797.2	583.0	-2561.3
354	ok	0.15	0.2	2.90e-02	13.4	13.4	13.4	13.4	-107.3	-70.4	58.6	-1279.7	-293.9	-2469.0
355	ok	0.15	0.2	2.82e-02	13.4	13.4	13.4	13.4	-104.2	-55.4	55.0	-2920.9	-434.3	-2008.8
356	ok	0.15	0.3	2.91e-02	13.4	13.4	13.4	13.4	-100.6	-41.1	43.6	-5171.8	-661.5	-1089.8
357	ok	0.15	0.3	3.04e-02	13.4	13.4	13.4	13.4	-99.3	-30.4	43.6	-5170.4	-649.9	-411.3
358	ok	0.15	0.2	2.32e-02	13.4	13.4	13.4	13.4	-79.6	-31.6	-37.9	-3682.6	-694.3	1029.6
359	ok	0.15	0.3	2.42e-02	13.4	13.4	13.4	13.4	-50.3	-19.3	42.3	-3184.6	-416.7	-1706.3
360	ok	0.15	0.2	2.56e-02	13.4	13.4	13.4	13.4	-86.1	-52.2	-47.8	-2117.5	-782.6	1910.6
361	ok	0.15	0.2	2.73e-02	13.4	13.4	13.4	13.4	-93.5	-71.7	-50.9	-975.1	-988.7	2347.3
362	ok	0.15	0.2	2.86e-02	13.4	13.4	13.4	13.4	-106.8	-90.3	-44.4	390.1	-1208.2	2422.7
363	ok	0.15	0.2	2.95e-02	13.4	13.4	13.4	13.4	-114.1	-105.4	-37.5	724.5	-1558.1	2206.4
364	ok	0.15	0.2	2.98e-02	13.4	13.4	13.4	13.4	-120.7	-117.3	-29.5	927.5	-1898.3	1855.5
365	ok	0.15	0.2	2.95e-02	13.4	13.4	13.4	13.4	7.8	-115.3	-21.5	-1140.0	-3425.6	-382.5
366	ok	0.15	0.2	2.87e-02	13.4	13.4	13.4	13.4	6.3	-120.1	-20.1	-1217.3	-3703.1	-307.6
367	ok	0.15	0.2	2.78e-02	13.4	13.4	13.4	13.4	6.0	-122.3	-20.1	-1236.6	-3863.9	-255.6
368	ok	0.15	0.2	2.66e-02	13.4	13.4	13.4	13.4	5.3	-122.2	23.8	-1265.0	-3911.2	256.7
369	ok	0.15	0.2	2.78e-02	13.4	13.4	13.4	13.4	5.1	-123.1	23.8	-1260.9	-3877.5	310.9
370	ok	0.15	0.2	2.87e-02	13.4	13.4	13.4	13.4	6.6	-121.5	25.6	-1213.0	-3723.3	389.4
371	ok	0.15	0.2	2.95e-02	13.4	13.4	13.4	13.4	8.4	-117.4	26.6	-1130.6	-3453.5	459.3
372	ok	0.15	0.2	2.98e-02	13.4	13.4	13.4	13.4	-115.5	-116.6	37.5	680.1	-1928.0	-2048.4
373	ok	0.15	0.2	2.95e-02	13.4	13.4	13.4	13.4	-114.1	-105.4	37.5	724.5	-1558.1	-2206.4
374	ok	0.15	0.2	2.86e-02	13.4	13.4	13.4	13.4	-106.8	-90.3	44.4	390.1	-1208.2	-2422.7
375	ok	0.15	0.2	2.73e-02	13.4	13.4	13.4	13.4	-93.5	-71.7	50.9	-975.1	-988.7	-2347.3
376	ok	0.15	0.2	2.56e-02	13.4	13.4	13.4	13.4	-86.1	-52.2	47.8	-2117.5	-782.6	-1910.6
377	ok	0.15	0.2	2.36e-02	13.4	13.4	13.4	13.4	-79.6	-31.6	37.9	-3682.6	-694.3	-1029.6
378	ok	0.15	0.2	2.47e-02	13.4	13.4	13.4	13.4	-76.8	-8.2	37.9	-3669.0	-581.0	-364.6
379	ok	0.15	0.2	1.86e-02	13.4	13.4	13.4	13.4	-54.0	-23.7	-26.8	-2233.3	-811.7	817.5
380	ok	0.15	0.2	1.82e-02	13.4	13.4	13.4	13.4	-18.6	-17.2	37.0	-1972.0	-100.4	-1528.4
381	ok	0.15	0.2	2.23e-02	13.4	13.4	13.4	13.4	-66.0	-48.6	-33.9	-1389.9	-1319.6	1561.0
382	ok	0.15	0.2	2.51e-02	13.4	13.4	13.4	13.4	-80.0	-73.0	-37.2	-747.9	-2005.9	1937.7
383	ok	0.15	0.2	2.71e-02	13.4	13.4	13.4	13.4	-93.5	-93.9	-35.8	-331.1	-2776.1	2025.2
384	ok	0.15	0.3	2.86e-02	13.4	13.4	13.4	13.4	13.6	-95.3	-19.2	-925.9	-3625.4	-1013.7
385	ok	0.15	0.3	2.96e-02	13.4	13.4	13.4	13.4	10.7	-107.3	-19.9	-1080.5	-4264.9	-869.1
386	ok	0.15	0.3	3.00e-02	13.4	13.4	13.4	13.4	9.7	-115.6	-19.9	-1141.0	-4769.1	-766.8
387	ok	0.15	0.3	2.98e-02	13.4	13.4	13.4	13.4	7.6	-121.2	-19.7	-1239.6	-5136.8	-584.6
388	ok	0.15	0.3	2.91e-02	13.4	13.4	13.4	13.4	5.9	-124.1	-18.8	-1300.4	-5348.6	-388.1

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
389	ok	0.15	0.3	2.81e-02	13.4	13.4	13.4	13.4	4.9	-124.4	23.0	-1324.4	-5399.6	256.6
390	ok	0.15	0.3	2.91e-02	13.4	13.4	13.4	13.4	6.1	-124.6	24.3	-1299.4	-5370.1	460.6
391	ok	0.15	0.3	2.98e-02	13.4	13.4	13.4	13.4	7.9	-122.2	24.8	-1237.6	-5178.8	654.6
392	ok	0.15	0.3	3.00e-02	13.4	13.4	13.4	13.4	8.5	-117.4	24.8	-1196.5	-4836.7	766.9
393	ok	0.15	0.3	2.96e-02	13.4	13.4	13.4	13.4	11.1	-109.5	24.6	-1077.7	-4341.0	931.8
394	ok	0.15	0.3	2.86e-02	13.4	13.4	13.4	13.4	14.0	-98.1	23.3	-916.7	-3711.2	1066.9
395	ok	0.15	0.2	2.71e-02	13.4	13.4	13.4	13.4	-93.5	-93.9	35.8	-331.1	-2776.1	-2025.2
396	ok	0.15	0.2	2.51e-02	13.4	13.4	13.4	13.4	-80.0	-73.0	37.2	-747.9	-2005.9	-1937.7
397	ok	0.15	0.2	2.23e-02	13.4	13.4	13.4	13.4	-66.0	-48.6	33.9	-1389.9	-1319.6	-1561.0
398	ok	0.15	0.2	1.86e-02	13.4	13.4	13.4	13.4	-54.0	-23.7	26.8	-2233.3	-811.7	-817.5
399	ok	0.15	0.2	1.84e-02	13.4	13.4	13.4	13.4	-50.1	8.5	26.8	-2198.3	-520.4	-270.2
400	ok	0.15	0.2	1.32e-02	13.4	13.4	13.4	13.4	-26.6	-20.5	-26.8	-1011.4	-665.0	691.7
401	ok	0.15	0.2	1.06e-02	13.4	13.4	13.4	13.4	24.1	-14.5	28.4	-896.0	256.2	-875.9
402	ok	0.15	0.1	1.81e-02	13.4	13.4	13.4	13.4	-47.2	-46.2	-13.3	-822.4	-1991.7	845.9
403	ok	0.15	0.2	2.23e-02	13.4	13.4	13.4	13.4	-68.0	-74.0	-15.0	-634.9	-3414.5	1077.3
404	ok	0.15	0.3	2.56e-02	13.4	13.4	13.4	13.4	-89.4	-96.3	-13.7	-562.0	-4874.4	1130.1
405	ok	0.15	0.4	2.80e-02	13.4	13.4	13.4	13.4	-110.1	-113.4	-11.4	-562.8	-6227.4	1069.2
406	ok	0.15	0.4	2.98e-02	13.4	13.4	13.4	13.4	-128.5	-126.1	-8.9	-598.2	-7391.6	934.6
407	ok	0.15	0.5	3.09e-02	13.4	13.4	13.4	13.4	-143.6	-135.2	-6.6	-643.0	-8322.7	753.1
408	ok	0.15	0.5	3.16e-02	13.4	13.4	13.4	13.4	-155.1	-141.4	-4.5	-682.0	-8997.9	542.5
409	ok	0.15	0.5	3.19e-02	13.4	13.4	13.4	13.4	-162.8	-145.0	-2.6	-706.4	-9405.9	314.8
410	ok	0.15	0.5	3.19e-02	13.4	13.4	13.4	13.4	-166.6	-146.3	-0.9	-711.5	-9541.9	78.5
411	ok	0.15	0.5	3.19e-02	13.4	13.4	13.4	13.4	-162.8	-145.0	2.6	-706.4	-9405.9	-314.8
412	ok	0.15	0.5	3.16e-02	13.4	13.4	13.4	13.4	-155.1	-141.4	4.5	-682.0	-8997.9	-542.5
413	ok	0.15	0.5	3.09e-02	13.4	13.4	13.4	13.4	-143.6	-135.2	6.6	-643.0	-8322.7	-753.1
414	ok	0.15	0.4	2.98e-02	13.4	13.4	13.4	13.4	-128.5	-126.1	8.9	-598.2	-7391.6	-934.6
415	ok	0.15	0.4	2.80e-02	13.4	13.4	13.4	13.4	-110.1	-113.4	11.4	-562.8	-6227.4	-1069.2
416	ok	0.15	0.3	2.56e-02	13.4	13.4	13.4	13.4	-89.4	-96.3	13.7	-562.0	-4874.4	-1130.1
417	ok	0.15	0.2	2.23e-02	13.4	13.4	13.4	13.4	-68.0	-74.0	15.0	-634.9	-3414.5	-1077.3
418	ok	0.15	0.1	1.81e-02	13.4	13.4	13.4	13.4	-47.2	-46.2	13.3	-822.4	-1991.7	-845.9
419	ok	0.15	0.2	1.32e-02	13.4	13.4	13.4	13.4	-26.6	-20.5	26.8	-1011.4	-665.0	-691.7
420	ok	0.15	0.2	1.05e-02	13.4	13.4	13.4	13.4	34.5	71.8	-13.9	884.8	-327.8	500.0
421	ok	0.15	0.2	5.87e-03	13.4	13.4	13.4	13.4	0.2	-11.9	-7.4	-468.8	-793.6	174.7
422	ok	0.15	0.1	2.34e-03	13.4	13.4	13.4	13.4	2.8	10.3	-7.4	-406.6	-275.3	-78.9
423	ok	0.15	0.2	1.26e-02	13.4	13.4	13.4	13.4	-23.4	-43.3	-13.3	-511.0	-1954.3	339.1
424	ok	0.15	0.2	1.89e-02	13.4	13.4	13.4	13.4	-57.5	-72.7	-15.0	-522.1	-3400.9	443.4
425	ok	0.15	0.3	2.42e-02	13.4	13.4	13.4	13.4	-92.7	-96.7	-13.7	-562.9	-4874.6	486.0
426	ok	0.15	0.4	2.87e-02	13.4	13.4	13.4	13.4	-123.7	-115.0	-11.4	-637.1	-6236.4	475.9
427	ok	0.15	0.4	3.24e-02	13.4	13.4	13.4	13.4	-149.3	-128.6	-8.9	-719.0	-7406.1	425.9
428	ok	0.15	0.5	3.51e-02	13.4	13.4	13.4	13.4	-169.3	-138.3	-6.6	-792.8	-8340.7	347.1
429	ok	0.15	0.5	3.69e-02	13.4	13.4	13.4	13.4	-183.9	-144.8	-4.5	-849.4	-9018.0	248.5
430	ok	0.15	0.5	3.79e-02	13.4	13.4	13.4	13.4	-193.6	-148.7	-2.6	-883.8	-9427.2	137.1
431	ok	0.15	0.5	3.79e-02	13.4	13.4	13.4	13.4	-198.3	-150.1	-0.9	-893.3	-9563.7	19.1
432	ok	0.15	0.5	3.79e-02	13.4	13.4	13.4	13.4	-193.6	-148.7	2.6	-883.8	-9427.2	-137.1
433	ok	0.15	0.5	3.69e-02	13.4	13.4	13.4	13.4	-183.9	-144.8	4.5	-849.4	-9018.0	-248.5
434	ok	0.15	0.5	3.51e-02	13.4	13.4	13.4	13.4	-169.3	-138.3	6.6	-792.8	-8340.7	-347.1
435	ok	0.15	0.4	3.24e-02	13.4	13.4	13.4	13.4	-149.3	-128.6	8.9	-719.0	-7406.1	-425.9
436	ok	0.15	0.4	2.87e-02	13.4	13.4	13.4	13.4	-123.7	-115.0	11.4	-637.1	-6236.4	-475.9
437	ok	0.15	0.3	2.42e-02	13.4	13.4	13.4	13.4	-92.7	-96.7	13.7	-562.9	-4874.6	-486.0
438	ok	0.15	0.2	1.89e-02	13.4	13.4	13.4	13.4	11.5	-57.3	7.5	-396.8	-3006.9	1730.9
439	ok	0.15	0.2	1.26e-02	13.4	13.4	13.4	13.4	-23.4	-43.3	13.3	-511.0	-1954.3	-339.1
440	ok	0.15	0.2	5.87e-03	13.4	13.4	13.4	13.4	-3.6	10.3	-13.9	387.7	-872.0	908.7
441	ok	0.15	0.1	2.13e-03	13.4	13.4	13.4	13.4	3.4	68.0	-13.9	446.7	-380.4	712.5
Nodo		**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
									-198.29	-150.12	-140.33	-1.098e+04	-9563.73	-3799.03
		0.15	0.59	0.14	13.40	13.40	13.40	13.40	61.17	350.77	148.61	5483.06	4758.21	3799.03

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
1	ok Av	6.86	0.22	0.23	5.6	5.9	162.3	171.4
2	ok Av	5.47	0.25	0.08	6.5	2.0	187.5	57.9
3	ok	1.78						
4	ok Av	5.11	0.05	0.23	1.3	5.9	38.8	171.4
5	ok Av	6.22	0.28	0.02	7.4	0.5	213.9	14.6
6	ok	1.39						
7	ok Av	6.59	0.30	0.03	7.8	0.8	226.3	22.6
8	ok	1.30						
9	ok Av	6.64	0.30	0.04	7.8	1.0	226.3	30.3
10	ok	1.40						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
11	ok Av	6.41	0.29	0.06	7.5	1.5	216.4	42.5
12	ok	1.55						
13	ok Av	5.77	0.25	0.07	6.6	1.8	191.7	51.4
14	ok	1.68						
15	ok Av	4.87	0.21	0.08	5.4	2.0	157.1	57.8
16	ok	1.79						
17	ok	3.83						
18	ok	1.86						
19	ok	2.79						
20	ok	1.89						
21	ok	2.02						
22	ok	1.90						
23	ok	2.79						
24	ok	1.89						
25	ok	3.83						
26	ok	1.86						
27	ok Av	4.87	0.21	0.08	5.4	2.0	157.1	57.8
28	ok	1.79						
29	ok Av	5.77	0.25	0.07	6.6	1.8	191.7	51.4
30	ok	1.68						
31	ok Av	6.41	0.29	0.06	7.5	1.5	216.4	42.5
32	ok	1.55						
33	ok Av	6.64	0.30	0.04	7.8	1.0	226.3	30.3
34	ok	1.40						
35	ok Av	6.59	0.30	0.03	7.8	0.7	226.3	19.6
36	ok	1.30						
37	ok Av	6.22	0.28	0.01	7.4	0.3	213.9	9.2
38	ok	1.39						
39	ok Av	5.11	0.23	0.07	6.1	1.9	175.5	54.3
40	ok	1.78						
41	ok Av	6.27	0.20	0.20	5.3	5.3	152.9	154.8
42	ok Av	4.69	0.05	0.21	1.3	5.6	38.2	161.2
43	ok	2.24						
44	ok Av	5.02	0.04	0.23	1.0	5.9	29.2	171.2
45	ok	1.57						
46	ok	1.12						
47	ok	0.97						
48	ok	1.00						
49	ok	1.10						
50	ok	1.21						
51	ok	1.29						
52	ok	1.34						
53	ok	1.35						
54	ok	1.34						
55	ok	1.29						
56	ok	1.21						
57	ok	1.10						
58	ok	1.00						
59	ok	0.97						
60	ok	1.12						
61	ok	1.57						
62	ok	2.24						
63	ok Av	4.73	0.03	0.21	0.7	5.6	21.6	161.2
64	ok	2.81						
65	ok Av	5.03	0.05	0.23	1.3	5.9	36.9	170.7
66	ok	2.08						
67	ok	1.57						
68	ok	1.23						
69	ok	1.05						
70	ok	0.99						
71	ok	0.99						
72	ok	1.01						
73	ok	1.03						
74	ok	1.03						
75	ok	1.03						
76	ok	1.01						
77	ok	0.99						
78	ok	0.99						
79	ok	1.05						
80	ok	1.23						
81	ok	1.57						
82	ok	2.08						
83	ok	2.81						
84	ok Av	4.73	0.04	0.21	0.9	5.5	27.0	160.4

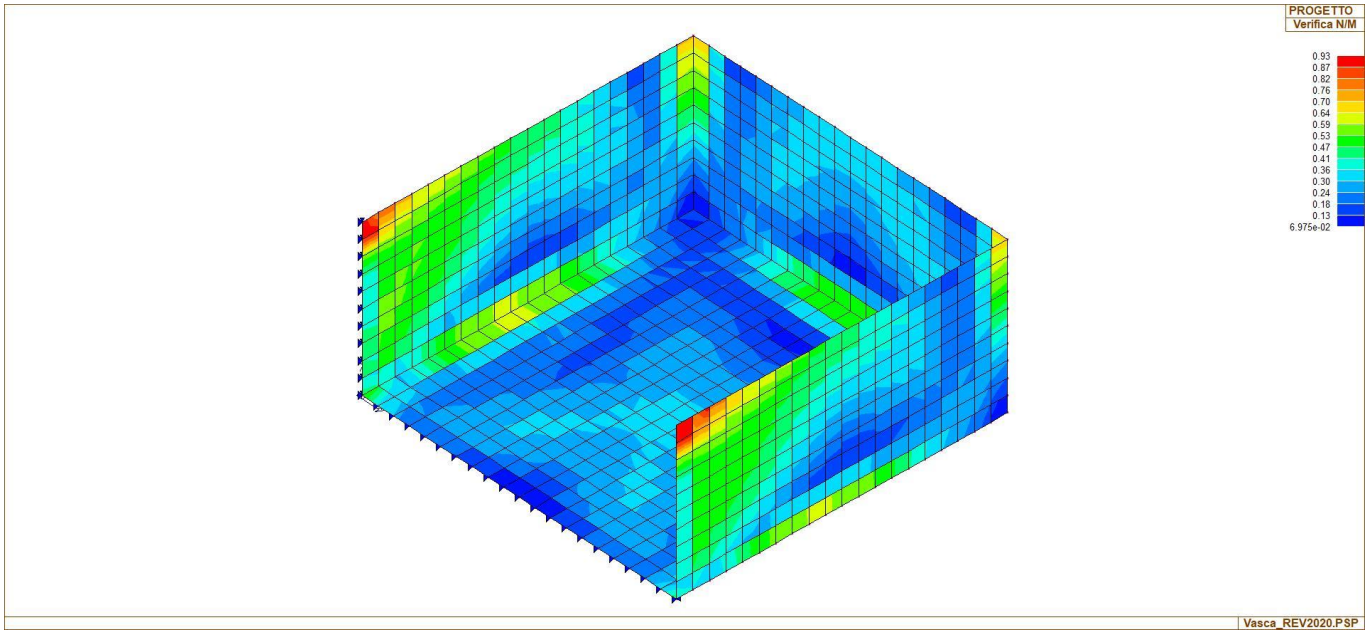
Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
85	ok	3.15						
86	ok Av	4.46	0.04	0.20	1.2	5.2	33.3	149.7
87	ok	2.44						
88	ok	1.88						
89	ok	1.46						
90	ok	1.16						
91	ok	0.97						
92	ok	0.86						
93	ok	0.80						
94	ok	0.77						
95	ok	0.76						
96	ok	0.77						
97	ok	0.80						
98	ok	0.86						
99	ok	0.97						
100	ok	1.16						
101	ok	1.46						
102	ok	1.88						
103	ok	2.44						
104	ok	3.15						
105	ok	4.18						
106	ok	3.36						
107	ok	3.89						
108	ok	2.68						
109	ok	2.11						
110	ok	1.65						
111	ok	1.29						
112	ok	1.01						
113	ok	0.81						
114	ok	0.67						
115	ok	0.58						
116	ok	0.54						
117	ok	0.58						
118	ok	0.67						
119	ok	0.81						
120	ok	1.01						
121	ok	1.29						
122	ok	1.65						
123	ok	2.11						
124	ok	2.68						
125	ok	3.36						
126	ok	3.65						
127	ok	3.48						
128	ok	3.55						
129	ok	2.83						
130	ok	2.27						
131	ok	1.79						
132	ok	1.39						
133	ok	1.07						
134	ok	0.81						
135	ok	0.61						
136	ok	0.45						
137	ok	0.36						
138	ok	0.45						
139	ok	0.61						
140	ok	0.81						
141	ok	1.07						
142	ok	1.39						
143	ok	1.79						
144	ok	2.27						
145	ok	2.83						
146	ok	3.48						
147	ok	3.55						
148	ok	3.55						
149	ok	3.58						
150	ok	2.91						
151	ok	2.36						
152	ok	1.88						
153	ok	1.47						
154	ok	1.12						
155	ok	0.83						
156	ok	0.58						
157	ok	0.37						
158	ok	0.22						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
159	ok	0.37						
160	ok	0.58						
161	ok	0.83						
162	ok	1.12						
163	ok	1.47						
164	ok	1.88						
165	ok	2.36						
166	ok	2.91						
167	ok	3.55						
168	ok	3.58						
169	ok	3.57						
170	ok	3.57						
171	ok	2.95						
172	ok	2.40						
173	ok	1.92						
174	ok	1.51						
175	ok	1.15						
176	ok	0.84						
177	ok	0.58						
178	ok	0.34						
179	ok	0.21						
180	ok	0.34						
181	ok	0.58						
182	ok	0.84						
183	ok	1.15						
184	ok	1.51						
185	ok	1.92						
186	ok	2.40						
187	ok	2.95						
188	ok	3.57						
189	ok	3.57						
190	ok	3.54						
191	ok	3.55						
192	ok	2.93						
193	ok	2.39						
194	ok	1.92						
195	ok	1.51						
196	ok	1.16						
197	ok	0.85						
198	ok	0.59						
199	ok	0.37						
200	ok	0.21						
201	ok	0.37						
202	ok	0.59						
203	ok	0.85						
204	ok	1.16						
205	ok	1.51						
206	ok	1.92						
207	ok	2.39						
208	ok	2.93						
209	ok	3.54						
210	ok	3.55						
211	ok	3.48						
212	ok	3.51						
213	ok	2.88						
214	ok	2.34						
215	ok	1.88						
216	ok	1.48						
217	ok	1.14						
218	ok	0.85						
219	ok	0.62						
220	ok	0.43						
221	ok	0.31						
222	ok	0.43						
223	ok	0.62						
224	ok	0.85						
225	ok	1.14						
226	ok	1.48						
227	ok	1.88						
228	ok	2.34						
229	ok	2.88						
230	ok	3.48						
231	ok	3.51						
232	ok	3.38						

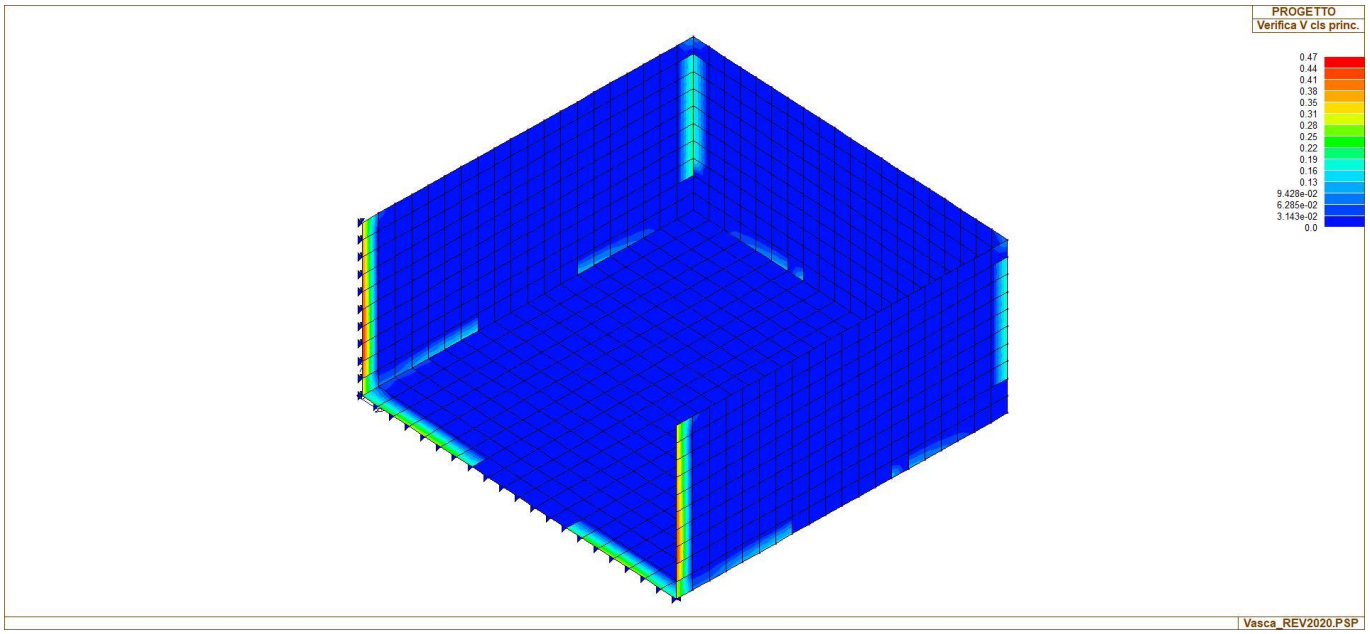
Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
233	ok	3.43						
234	ok	2.78						
235	ok	2.25						
236	ok	1.80						
237	ok	1.41						
238	ok	1.10						
239	ok	0.85						
240	ok	0.65						
241	ok	0.51						
242	ok	0.44						
243	ok	0.51						
244	ok	0.65						
245	ok	0.85						
246	ok	1.10						
247	ok	1.41						
248	ok	1.80						
249	ok	2.25						
250	ok	2.78						
251	ok	3.38						
252	ok	3.43						
253	ok	3.23						
254	ok	3.32						
255	ok	2.63						
256	ok	2.11						
257	ok	1.67						
258	ok	1.32						
259	ok	1.05						
260	ok	0.85						
261	ok	0.72						
262	ok	0.64						
263	ok	0.59						
264	ok	0.64						
265	ok	0.72						
266	ok	0.85						
267	ok	1.05						
268	ok	1.32						
269	ok	1.67						
270	ok	2.11						
271	ok	2.63						
272	ok	3.23						
273	ok	3.32						
274	ok	3.02						
275	ok	3.16						
276	ok	2.42						
277	ok	1.91						
278	ok	1.51						
279	ok	1.21						
280	ok	1.01						
281	ok	0.89						
282	ok	0.83						
283	ok	0.81						
284	ok	0.79						
285	ok	0.81						
286	ok	0.83						
287	ok	0.89						
288	ok	1.01						
289	ok	1.21						
290	ok	1.51						
291	ok	1.91						
292	ok	2.42						
293	ok	3.02						
294	ok	3.16						
295	ok	2.74						
296	ok	2.93						
297	ok	2.14						
298	ok	1.67						
299	ok	1.32						
300	ok	1.10						
301	ok	1.00						
302	ok	0.99						
303	ok	1.01						
304	ok	1.03						
305	ok	1.03						
306	ok	1.03						

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
307	ok	1.01						
308	ok	0.99						
309	ok	1.00						
310	ok	1.10						
311	ok	1.32						
312	ok	1.67						
313	ok	2.14						
314	ok	2.74						
315	ok	2.93						
316	ok	2.38						
317	ok	3.23						
318	ok	1.80						
319	ok	1.36						
320	ok	1.11						
321	ok	1.04						
322	ok	1.08						
323	ok	1.17						
324	ok	1.26						
325	ok	1.32						
326	ok	1.33						
327	ok	1.32						
328	ok	1.26						
329	ok	1.17						
330	ok	1.08						
331	ok	1.04						
332	ok	1.11						
333	ok	1.36						
334	ok	1.80						
335	ok	2.38						
336	ok	3.04						
337	ok	1.91						
338	ok	3.41						
339	ok	1.37						
340	ok	1.02						
341	ok	0.96						
342	ok	1.09						
343	ok	1.28						
344	ok	1.45						
345	ok	1.59						
346	ok	1.67						
347	ok	1.70						
348	ok	1.67						
349	ok	1.59						
350	ok	1.45						
351	ok	1.28						
352	ok	1.09						
353	ok	0.96						
354	ok	1.02						
355	ok	1.37						
356	ok	1.91						
357	ok	3.21						
358	ok	1.38						
359	ok	3.38						
360	ok	0.86						
361	ok	0.74						
362	ok	0.99						
363	ok	1.32						
364	ok	1.61						
365	ok	1.84						
366	ok	2.00						
367	ok	2.10						
368	ok	2.13						
369	ok	2.10						
370	ok	2.00						
371	ok	1.84						
372	ok	1.61						
373	ok	1.32						
374	ok	0.99						
375	ok	0.74						
376	ok	0.86						
377	ok	1.37						
378	ok	3.19						
379	ok	1.34						
380	ok	3.36						

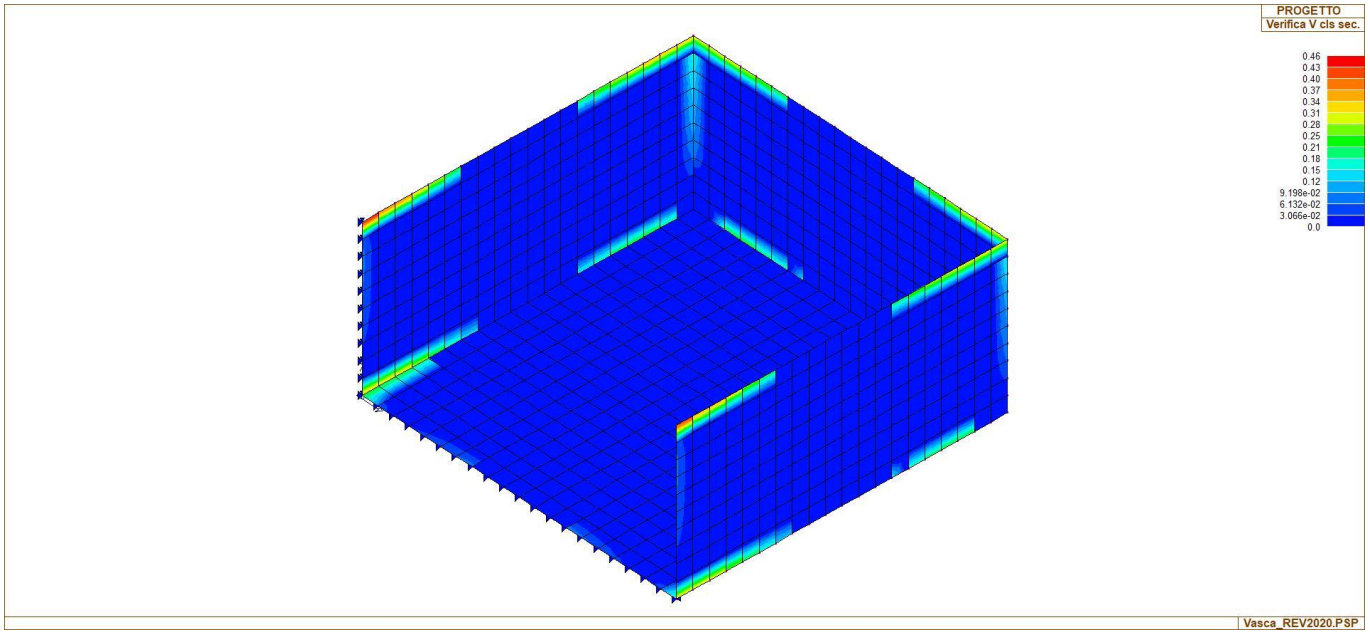
Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
381	ok	0.85						
382	ok	0.78						
383	ok	1.30						
384	ok	1.74						
385	ok	2.08						
386	ok	2.33						
387	ok	2.50						
388	ok	2.60						
389	ok	2.64						
390	ok	2.60						
391	ok	2.50						
392	ok	2.33						
393	ok	2.08						
394	ok	1.74						
395	ok	1.30						
396	ok	0.85						
397	ok	0.86						
398	ok	1.24						
399	ok	3.18						
400	ok	1.27						
401	ok	2.90						
402	ok	1.25						
403	ok	1.29						
404	ok	1.83						
405	ok	2.31						
406	ok	2.67						
407	ok	2.93						
408	ok	3.10						
409	ok	3.20						
410	ok	3.23						
411	ok	3.20						
412	ok	3.10						
413	ok	2.93						
414	ok	2.67						
415	ok	2.31						
416	ok	1.83						
417	ok	1.35						
418	ok	1.32						
419	ok	1.28						
420	ok	2.76						
421	ok	2.90						
422	ok	2.44						
423	ok	3.45						
424	ok	3.47						
425	ok	3.49						
426	ok	3.29						
427	ok	2.95						
428	ok	3.08						
429	ok	3.19						
430	ok	3.23						
431	ok	3.24						
432	ok	3.23						
433	ok	3.19						
434	ok	3.08						
435	ok	3.02						
436	ok	3.36						
437	ok	3.55						
438	ok	3.53						
439	ok	3.48						
440	ok	2.90						
441	ok	2.30						
Nodo		**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		6.86	0.30	0.23	7.82	5.92	226.30	171.40



72_PRO_CA_D3_VER_NM



72_PRO_CA_D3_VER_VI



72_PRO_CA_D3_VER_VII

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
401	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
402	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
403	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
404	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
405	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
406	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
407	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
408	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
409	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
410	0.0	0.0	0.13	0,0,23	0.0	0.26	0.19	0,22,24
411	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
412	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
413	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
414	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
415	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
416	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
417	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
418	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
419	0.0	0.0	0.13	0,0,23	0.0	0.27	0.0	0,22,0
420	0.0	0.0	0.13	0,0,23	0.0	0.29	0.23	0,22,24
421	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
422	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
423	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
424	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
425	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
426	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
427	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
428	0.0	0.0	0.13	0,0,23	0.0	0.22	0.0	0,22,0
429	0.0	0.0	0.13	0,0,23	0.0	0.24	0.20	0,22,24
430	0.0	0.0	0.13	0,0,23	0.0	0.27	0.21	0,22,24
431	0.0	0.0	0.31	0,0,23	0.0	0.0	0.0	0,0,0
432	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
433	0.0	0.0	0.10	0,0,24	0.0	0.0	0.0	0,0,0
434	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
435	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
436	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
437	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
438	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
439	0.0	0.0	0.14	0,0,23	0.0	0.22	0.0	0,22,0
440	0.0	0.0	0.13	0,0,23	0.0	0.24	0.0	0,22,0
441	0.0	0.0	0.36	0,0,23	0.0	0.14	0.14	0,21,23
442	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
443	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
444	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
445	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
446	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
447	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
448	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
449	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
450	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
451	0.0	0.0	0.39	0,0,23	0.0	0.15	0.15	0,21,23
452	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
453	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
454	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
455	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
456	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
457	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
458	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
459	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
460	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
461	0.0	0.0	0.41	0,0,23	0.0	0.15	0.15	0,21,23
462	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
463	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
464	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
465	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
466	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
467	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
468	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
469	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
470	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
471	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
472	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
473	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
474	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
475	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
476	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
477	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
478	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
479	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
480	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
481	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
482	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0
483	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
484	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
485	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
486	0.0	0.0	0.10	0,0,24	0.0	0.0	0.0	0,0,0
487	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
488	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
489	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
490	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
491	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
492	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0
493	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
494	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
495	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
496	0.0	0.0	0.10	0,0,24	0.0	0.0	0.0	0,0,0
497	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
498	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
499	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
500	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
501	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
502	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
503	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
504	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
505	0.0	0.0	0.10	0,0,24	0.0	0.0	0.0	0,0,0
506	0.0	0.0	0.11	0,0,24	0.0	0.0	0.0	0,0,0
507	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
508	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
509	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
510	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
511	0.0	0.0	0.40	0,0,23	0.0	0.15	0.15	0,21,23
512	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
513	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
514	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
515	0.0	0.0	0.11	0,0,24	0.0	0.0	0.0	0,0,0
516	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
517	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
518	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
519	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
520	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
521	0.0	0.0	0.37	0,0,23	0.0	0.14	0.14	0,21,23
522	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
523	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
524	0.0	0.0	0.10	0,0,24	0.0	0.0	0.0	0,0,0
525	0.0	0.0	0.11	0,0,24	0.0	0.0	0.0	0,0,0
526	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
527	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
528	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
529	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
530	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
531	0.0	0.0	0.34	0,0,23	0.0	0.0	0.0	0,0,0
532	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
533	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
534	0.0	0.0	0.11	0,0,24	0.0	0.0	0.0	0,0,0
535	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
536	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
537	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
538	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
539	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
540	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
541	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
542	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
543	0.0	0.0	0.10	0,0,24	0.0	0.0	0.0	0,0,0
544	0.0	0.0	0.11	0,0,24	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
545	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
546	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
547	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
548	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
549	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
550	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
551	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
552	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
553	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
554	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
555	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
556	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
557	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
558	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
559	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
560	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
561	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
562	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
563	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
564	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
565	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
566	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
567	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
568	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
569	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
570	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
571	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
572	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
573	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
574	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
575	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
576	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
577	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
578	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
579	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
580	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
581	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
582	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
583	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
584	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
585	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
586	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
587	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
588	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
589	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
590	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
591	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
592	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
593	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
594	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
595	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
596	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
597	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
598	0.0	0.0	0.28	0,0,23	0.0	0.0	0.0	0,0,0
599	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
600	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
601	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
602	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
603	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
604	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
605	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
606	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
607	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
608	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
609	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
610	0.0	0.0	0.12	0,0,23	0.0	0.27	0.20	0,22,24
611	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
612	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
613	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
614	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
615	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
616	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
617	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
618	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
619	0.0	0.0	0.13	0,0,23	0.0	0.31	0.0	0,22,0
620	0.0	0.0	0.13	0,0,23	0.0	0.28	0.23	0,22,24
621	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
622	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
623	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
624	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
625	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
626	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
627	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
628	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
629	0.0	0.0	0.13	0,0,23	0.0	0.28	0.0	0,22,0
630	0.0	0.0	0.13	0,0,23	0.0	0.30	0.0	0,22,0
631	0.0	0.0	0.31	0,0,23	0.0	0.0	0.0	0,0,0
632	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
633	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
634	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
635	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
636	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
637	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
638	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
639	0.0	0.0	0.14	0,0,23	0.0	0.25	0.0	0,22,0
640	0.0	0.0	0.13	0,0,23	0.0	0.27	0.0	0,22,0
641	0.0	0.0	0.36	0,0,23	0.0	0.14	0.14	0,21,23
642	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
643	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
644	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
645	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
646	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
647	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
648	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
649	0.0	0.0	0.15	0,0,23	0.0	0.23	0.0	0,22,0
650	0.0	0.0	0.14	0,0,23	0.0	0.25	0.0	0,22,0
651	0.0	0.0	0.39	0,0,23	0.0	0.15	0.15	0,21,23
652	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
653	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
654	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
655	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
656	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
657	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
658	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
659	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
660	0.0	0.0	0.14	0,0,23	0.0	0.23	0.0	0,22,0
661	0.0	0.0	0.41	0,0,23	0.0	0.15	0.15	0,21,23
662	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
663	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
664	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
665	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
666	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
667	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
668	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
669	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
670	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
671	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
672	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
673	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
674	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
675	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
676	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
677	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
678	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
679	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
680	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
681	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
682	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0
683	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
684	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
685	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
686	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
687	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
688	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
689	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
690	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
691	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
692	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
693	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
694	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
695	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
696	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
697	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
698	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
699	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
700	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
701	0.0	0.0	0.42	0,0,23	0.0	0.16	0.16	0,21,23
702	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
703	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
704	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
705	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
706	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
707	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
708	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
709	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
710	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
711	0.0	0.0	0.40	0,0,23	0.0	0.15	0.15	0,21,23
712	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
713	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
714	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
715	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
716	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
717	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
718	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
719	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
720	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
721	0.0	0.0	0.37	0,0,23	0.0	0.14	0.14	0,21,23
722	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
723	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
724	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
725	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
726	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
727	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
728	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
729	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
730	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
731	0.0	0.0	0.34	0,0,23	0.0	0.0	0.0	0,0,0
732	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
733	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
734	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
735	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
736	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
737	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
738	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
739	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
740	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
741	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
742	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
743	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
744	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
745	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
746	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
747	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
748	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
749	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
750	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
751	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
752	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
753	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
754	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
755	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
756	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
757	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
758	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
759	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
760	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
761	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
762	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
763	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
764	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
765	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
766	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
767	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
768	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
769	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
770	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
771	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
772	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
773	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
774	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
775	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
776	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
777	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
778	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
779	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
780	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
781	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
782	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
783	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
784	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
785	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
786	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
787	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
788	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
789	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
790	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
791	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
792	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
793	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
794	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
795	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
796	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
797	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
798	0.0	0.0	0.28	0,0,23	0.0	0.0	0.0	0,0,0
799	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
800	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
801	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
802	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
803	0.0	0.0	0.13	0,0,24	0.0	0.0	0.0	0,0,0
804	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
805	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
806	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
807	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
808	0.0	0.0	0.27	0,0,23	0.0	0.0	0.0	0,0,0
809	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
810	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
811	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
812	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
813	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
814	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
815	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
816	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
817	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
818	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
819	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
820	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
821	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
822	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
823	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
824	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
825	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
826	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
827	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
828	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
829	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
830	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
831	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
832	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
833	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
834	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
835	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
836	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
837	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
838	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
839	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
840	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
841	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
842	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
843	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
844	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
845	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
846	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
847	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
848	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
849	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
850	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
851	0.0	0.0	0.28	0,0,23	0.0	0.0	0.0	0,0,0
852	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
853	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
854	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
855	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
856	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
857	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
858	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
859	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
860	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
861	0.0	0.0	0.31	0,0,23	0.0	0.0	0.0	0,0,0
862	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
863	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
864	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
865	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
866	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
867	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
868	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
869	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
870	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
871	0.0	0.0	0.34	0,0,23	0.0	0.0	0.0	0,0,0
872	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
873	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
874	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
875	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
876	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
877	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
878	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
879	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
880	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
881	0.0	0.0	0.36	0,0,23	0.0	0.13	0.13	0,21,23
882	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
883	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
884	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
885	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
886	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
887	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
888	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
889	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
890	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
891	0.0	0.0	0.36	0,0,23	0.0	0.13	0.13	0,21,23
892	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
893	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
894	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
895	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
896	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
897	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
898	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
899	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
900	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
901	0.0	0.0	0.36	0,0,23	0.0	0.13	0.13	0,21,23
902	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
903	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
904	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
905	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
906	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
907	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
908	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
909	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
910	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
911	0.0	0.0	0.36	0,0,23	0.0	0.13	0.13	0,21,23
912	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
913	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
914	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
915	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
916	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
917	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
918	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
919	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
920	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
921	0.0	0.0	0.34	0,0,23	0.0	0.0	0.0	0,0,0
922	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
923	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
924	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
925	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
926	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
927	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
928	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
929	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
930	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
931	0.0	0.0	0.31	0,0,23	0.0	0.0	0.0	0,0,0
932	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
933	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
934	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
935	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
936	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
937	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
938	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
939	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
940	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
941	0.0	0.0	0.28	0,0,23	0.0	0.0	0.0	0,0,0
942	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
943	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
944	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
945	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
946	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
947	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
948	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
949	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
950	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
951	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
952	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
953	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
954	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
955	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
956	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
957	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
958	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
959	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
960	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
961	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
962	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
963	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
964	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
965	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
966	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
967	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
968	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
969	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
970	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
971	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
972	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
973	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
974	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
975	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
976	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
977	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
978	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
979	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
980	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
981	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
982	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
983	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
984	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
985	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
986	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
987	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
988	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
989	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
990	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
991	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
992	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
993	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
994	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
995	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
996	0.0	0.0	0.23	0,0,23	0.0	0.0	0.0	0,0,0
997	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
998	0.0	0.0	0.27	0,0,23	0.0	0.0	0.0	0,0,0
999	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
1000	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
Setto	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.0	0.0	0.42		0.0	0.31	0.23	

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
1	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
2	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
3	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
4	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
5	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
6	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
7	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
8	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
9	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
10	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
11	0.0	0.0	0.06	0,0,23	0.0	0.0	0.0	0,0,0
12	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
13	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
14	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
15	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
16	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
17	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
18	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
19	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
20	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
21	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
22	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
23	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
24	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
25	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
26	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
27	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
28	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
29	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
30	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
31	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
32	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
33	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
34	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
35	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
36	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
37	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
38	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
39	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
40	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
41	0.0	0.0	0.27	0,0,23	0.0	0.0	0.0	0,0,0
42	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
43	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
44	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
45	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
46	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
47	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
48	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
49	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
50	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
51	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
52	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
53	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
54	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
55	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
56	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
57	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
58	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
59	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
60	0.0	0.0	0.27	0,0,23	0.0	0.0	0.0	0,0,0
61	0.0	0.0	0.33	0,0,23	0.0	0.0	0.0	0,0,0
62	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
63	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
64	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
65	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
66	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
67	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
68	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
69	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
70	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
71	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
72	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
73	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
74	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
75	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
76	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
77	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
78	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
79	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
80	0.0	0.0	0.33	0,0,23	0.0	0.0	0.0	0,0,0
81	0.0	0.0	0.37	0,0,23	0.0	0.13	0.13	0,21,23
82	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
83	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
84	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
85	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
86	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
87	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
88	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
89	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
90	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
91	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
92	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
93	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
94	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
95	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
96	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
97	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
98	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
99	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
100	0.0	0.0	0.37	0,0,23	0.0	0.13	0.13	0,21,23
101	0.0	0.0	0.40	0,0,23	0.0	0.14	0.14	0,21,23
102	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0
103	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
104	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
105	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
106	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
107	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
108	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
109	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
110	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
111	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
112	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
113	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
114	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
115	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
116	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
117	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
118	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
119	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0
120	0.0	0.0	0.40	0,0,23	0.0	0.14	0.14	0,21,23
121	0.0	0.0	0.42	0,0,23	0.0	0.15	0.15	0,21,23
122	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
123	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
124	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
125	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
126	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
127	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
128	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
129	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
130	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
131	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
132	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
133	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
134	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
135	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
136	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
137	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
138	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
139	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
140	0.0	0.0	0.42	0,0,23	0.0	0.15	0.15	0,21,23
141	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23
142	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
143	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
144	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
145	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
146	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
147	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
148	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
149	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
150	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
151	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
152	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
153	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
154	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
155	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
156	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
157	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
158	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
159	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
160	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23
161	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23
162	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
163	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
164	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
165	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
166	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
167	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
168	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
169	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
170	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
171	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
172	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
173	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
174	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
175	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
176	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
177	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
178	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
179	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
180	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23
181	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23
182	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
183	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
184	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
185	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
186	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
187	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
188	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
189	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
190	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
191	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
192	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
193	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
194	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
195	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
196	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
197	0.0	0.0	0.07	0,0,23	0.0	0.0	0.0	0,0,0
198	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
199	0.0	0.0	0.26	0,0,23	0.0	0.0	0.0	0,0,0
200	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
201	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23
202	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
203	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
204	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
205	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
206	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
207	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
208	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
209	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
210	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
211	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
212	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
213	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
214	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
215	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
216	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
217	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
218	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
219	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
220	0.0	0.0	0.43	0,0,23	0.0	0.15	0.15	0,21,23
221	0.0	0.0	0.41	0,0,23	0.0	0.15	0.15	0,21,23
222	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
223	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
224	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
225	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
226	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
227	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
228	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
229	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
230	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
231	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
232	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
233	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
234	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
235	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
236	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
237	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
238	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
239	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
240	0.0	0.0	0.41	0,0,23	0.0	0.15	0.15	0,21,23
241	0.0	0.0	0.39	0,0,23	0.0	0.14	0.14	0,21,23
242	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0
243	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
244	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
245	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
246	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
247	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
248	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
249	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
250	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
251	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
252	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
253	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
254	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
255	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
256	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
257	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
258	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
259	0.0	0.0	0.24	0,0,23	0.0	0.0	0.0	0,0,0
260	0.0	0.0	0.39	0,0,23	0.0	0.14	0.14	0,21,23
261	0.0	0.0	0.35	0,0,23	0.0	0.0	0.0	0,0,0
262	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
263	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
264	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
265	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
266	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
267	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
268	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
269	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
270	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
271	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
272	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
273	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
274	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
275	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
276	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
277	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
278	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
279	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
280	0.0	0.0	0.35	0,0,23	0.0	0.0	0.0	0,0,0
281	0.0	0.0	0.31	0,0,23	0.0	0.0	0.0	0,0,0
282	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
283	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
284	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
285	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
286	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
287	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
288	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
289	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
290	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
291	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
292	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
293	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
294	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
295	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
296	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
297	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
298	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
299	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
300	0.0	0.0	0.31	0,0,23	0.0	0.0	0.0	0,0,0
301	0.0	0.0	0.27	0,0,23	0.0	0.0	0.0	0,0,0
302	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
303	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
304	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
305	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
306	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
307	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
308	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
309	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
310	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
311	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
312	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
313	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
314	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
315	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
316	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
317	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
318	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
319	0.0	0.0	0.18	0,0,23	0.0	0.0	0.0	0,0,0
320	0.0	0.0	0.27	0,0,23	0.0	0.0	0.0	0,0,0
321	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
322	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
323	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
324	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
325	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
326	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
327	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
328	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
329	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
330	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
331	0.0	0.0	0.08	0,0,23	0.0	0.0	0.0	0,0,0
332	0.0	0.0	0.09	0,0,23	0.0	0.0	0.0	0,0,0
333	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
334	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
335	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
336	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
337	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
338	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
339	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
340	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
341	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
342	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
343	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
344	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
345	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
346	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
347	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
348	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
349	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
350	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
351	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
352	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
353	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
354	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
355	0.0	0.0	0.12	0,0,23	0.0	0.0	0.0	0,0,0
356	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
357	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
358	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
359	0.0	0.0	0.14	0,0,23	0.0	0.0	0.0	0,0,0
360	0.0	0.0	0.16	0,0,23	0.0	0.0	0.0	0,0,0
361	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
362	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
363	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
364	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
365	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
366	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
367	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
368	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
369	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
370	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
371	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
372	0.0	0.0	0.22	0,0,23	0.0	0.0	0.0	0,0,0
373	0.0	0.0	0.21	0,0,23	0.0	0.0	0.0	0,0,0
374	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
375	0.0	0.0	0.19	0,0,23	0.0	0.0	0.0	0,0,0
376	0.0	0.0	0.17	0,0,23	0.0	0.0	0.0	0,0,0
377	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
378	0.0	0.0	0.13	0,0,23	0.0	0.0	0.0	0,0,0
379	0.0	0.0	0.11	0,0,23	0.0	0.0	0.0	0,0,0
380	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
381	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
382	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
383	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
384	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
385	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
386	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
387	0.0	0.0	0.33	0,0,23	0.0	0.0	0.0	0,0,0
388	0.0	0.0	0.36	0,0,23	0.0	0.0	0.0	0,0,0
389	0.0	0.0	0.37	0,0,23	0.0	0.13	0.13	0,21,23
390	0.0	0.0	0.38	0,0,23	0.0	0.13	0.13	0,21,23
391	0.0	0.0	0.38	0,0,23	0.0	0.13	0.13	0,21,23
392	0.0	0.0	0.37	0,0,23	0.0	0.13	0.13	0,21,23
393	0.0	0.0	0.36	0,0,23	0.0	0.0	0.0	0,0,0
394	0.0	0.0	0.33	0,0,23	0.0	0.0	0.0	0,0,0
395	0.0	0.0	0.30	0,0,23	0.0	0.0	0.0	0,0,0
396	0.0	0.0	0.25	0,0,23	0.0	0.0	0.0	0,0,0
397	0.0	0.0	0.20	0,0,23	0.0	0.0	0.0	0,0,0
398	0.0	0.0	0.15	0,0,23	0.0	0.0	0.0	0,0,0
399	0.0	0.0	0.10	0,0,23	0.0	0.0	0.0	0,0,0
400	0.0	0.0	0.05	0,0,23	0.0	0.0	0.0	0,0,0
Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.0	0.0	0.43		0.0	0.15	0.15	